

### Часть А

ШИФР (заполняется организатором)

ZIPGRADE.COM

- |    |                                    |                                    |                                    |                                    |                         |    |                                    |                                    |                                    |                                    |                         |    |                                    |                         |                                    |                         |                         |
|----|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-------------------------|----|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-------------------------|----|------------------------------------|-------------------------|------------------------------------|-------------------------|-------------------------|
| 1  | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 19 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 37 | <input checked="" type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D | <input type="radio"/> E |
| 2  | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 20 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 38 | <input checked="" type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D | <input type="radio"/> E |
| 3  | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 21 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 39 | <input type="radio"/> A            | <input type="radio"/> B | <input checked="" type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E |
| 4  | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 22 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 40 | <input checked="" type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D | <input type="radio"/> E |
| 5  | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 23 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                                    |                         |                         |
| 6  | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 24 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                                    |                         |                         |
| 7  | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 25 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                                    |                         |                         |
| 8  | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 26 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E |    |                                    |                         |                                    |                         |                         |
| 9  | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 27 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                                    |                         |                         |
| 10 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 28 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                                    |                         |                         |
| 11 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 29 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                                    |                         |                         |
| 12 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 30 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                                    |                         |                         |
| 13 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 31 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E |    |                                    |                         |                                    |                         |                         |
| 14 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 32 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E |    |                                    |                         |                                    |                         |                         |
| 15 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 33 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                                    |                         |                         |
| 16 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 34 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                                    |                         |                         |
| 17 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 35 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                                    |                         |                         |
| 18 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 36 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                                    |                         |                         |

Район 2022 (7683)

Часть В

1.

А	Б	В	Г	Д
4	2	1	3	5

2.

1.	A B
2.	A
3.	A
4.	B
5.	A
6.	A B
7.	B

5.

1.	8
2.	5
3.	4
4.	2
5.	4
6.	8

3.

1.	8 1
2.	10
3.	2 1
4.	8 8
5.	6
6.	5
7.	9
8.	7
9.	4 5
10.	4 4

6.

1.	1
2.	83
3.	84
4.	86
5.	89
6.	2
7.	9
8.	7
9.	11
10.	2
11.	10

4.

1.	+		
2.		+	
3.	+		+
4.		+	
5.	+		
6.		+	+
7.		+	+
8.	+		
9.	+		
10.	+		

7.

A.
B.
C.

p \_\_\_\_\_ q \_\_\_\_\_

8.

1.	1
2.	3
3.	8
4.	4
5.	5
6.	7
7.	2
8.	5
9.	9
10.	10

9.

1	2	3	4	5	6	7	8	9	10
K	U	Q	Z	A	B	D	E	M	2

10. Азырақ B-2%

11.

1.	A
2.	B
3.	5
4.	2
5.	4

### Часть А

ШИФР (заполняется организатором)

ZIPGRADE.COM

- |    |                                    |                                    |                                    |                                    |                         |    |                                    |                                    |                                    |                                    |                         |    |                                    |                         |                                    |                         |                         |
|----|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-------------------------|----|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-------------------------|----|------------------------------------|-------------------------|------------------------------------|-------------------------|-------------------------|
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| 2  | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 20 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 38 | <input type="radio"/> A            | <input type="radio"/> B | <input checked="" type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E |
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| 6  | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 24 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                                    |                         |                         |
| 7  | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 25 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E |    |                                    |                         |                                    |                         |                         |
| 8  | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 26 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E |    |                                    |                         |                                    |                         |                         |
| 9  | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 27 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                                    |                         |                         |
| 10 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 28 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                                    |                         |                         |
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| 12 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 30 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                                    |                         |                         |
| 13 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 31 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                                    |                         |                         |
| 14 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 32 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                                    |                         |                         |
| 15 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 33 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E |    |                                    |                         |                                    |                         |                         |
| 16 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 34 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                                    |                         |                         |
| 17 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 35 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                                    |                         |                         |
| 18 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 36 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                                    |                         |                         |

Район 2022 (7683)

Часть В

1.

А	Б	В	Г	Д
11	21	41	51 (21)	31

2.

1.	Б
2.	Б
3.	А
4.	Е
5.	В
6.	Д
7.	Б

5.

1.	6
2.	5
3.	1
4.	2
5.	3
6.	1

3.

1.	2
2.	9
3.	8
4.	6
5.	1
6.	5
7.	9
8.	7
9.	1
10.	5

6.

1.	3
2.	4
3.	5
4.	1
5.	7
6.	10
7.	8
8.	9
9.	11
10.	6
11.	2

4.

1.	+		
2.		+	
3.			+
4.			+
5.		+	
6.			+
7.		+	
8.	+		
9.		+	
10.	+		

7.

A.	2
B.	5
C.	1

р \_\_\_\_\_ қ \_\_\_\_\_

8.

1.	4
2.	10
3.	1
4.	6
5.	9
6.	5
7.	8
8.	7
9.	3
10.	2

9.

1	2	3	4	5	6	7	8	9	10
B	U	A	K	S	P	D	G	M	E

10. 1. A жә B; 2. A жә C; 3. B жә M; 4. A жә K; 5. B жә C; 6. A жә M; 7. B жә K; 8. B жә M

11.

1.	Ә
2.	B
3.	A
4.	D
5.	G

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Часть А

ШИФР (заполняется организатором)

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ZIPGRADE.COM

- 1 (A) (B) (C) (D) (E) 19 (A) (B) (C) (D) (E) 37 (A) (B) (C) (D) (E)
- 2 (A) (B) (C) (D) (E) 20 (A) (B) (C) (D) (E) 38 (A) (B) (C) (D) (E)
- 3 (A) (B) (C) (D) (E) 21 (A) (B) (C) (D) (E) 39 (A) (B) (C) (D) (E)
- 4 (A) (B) (C) (D) (E) 22 (A) (B) (C) (D) (E) 40 (A) (B) (C) (D) (E)
- 5 (A) (B) (C) (D) (E) 23 (A) (B) (C) (D) (E)
- 6 (A) (B) (C) (D) (E) 24 (A) (B) (C) (D) (E)
- 7 (A) (B) (C) (D) (E) 25 (A) (B) (C) (D) (E)
- 8 (A) (B) (C) (D) (E) 26 (A) (B) (C) (D) (E)
- 9 (A) (B) (C) (D) (E) 27 (A) (B) (C) (D) (E)
- 10 (A) (B) (C) (D) (E) 28 (A) (B) (C) (D) (E)
- 11 (A) (B) (C) (D) (E) 29 (A) (B) (C) (D) (E)
- 12 (A) (B) (C) (D) (E) 30 (A) (B) (C) (D) (E)
- 13 (A) (B) (C) (D) (E) 31 (A) (B) (C) (D) (E)
- 14 (A) (B) (C) (D) (E) 32 (A) (B) (C) (D) (E)
- 15 (A) (B) (C) (D) (E) 33 (A) (B) (C) (D) (E)
- 16 (A) (B) (C) (D) (E) 34 (A) (B) (C) (D) (E)
- 17 (A) (B) (C) (D) (E) 35 (A) (B) (C) (D) (E)
- 18 (A) (B) (C) (D) (E) 36 (A) (B) (C) (D) (E)

Район 2022 (7683)

Часть В

1.

А	Б	В	Г	Д
4	3	5	2	1

2.

1.	ve
2.	A
3.	Г
4.	D
5.	e
6.	B
7.	Б

5.

1.	5
2.	6
3.	4
4.	62
5.	4
6.	3

3.

1.	1
2.	2
3.	5
4.	3
5.	4
6.	7
7.	6
8.	8
9.	10
10.	9

6.

1.	3
2.	4
3.	5
4.	6
5.	7
6.	8
7.	11
8.	2
9.	1
10.	10
11.	8

4.

1.	+	-	+
2.	-	-	-
3.	+	+	-
4.	+	+	+
5.	-	+	-
6.	-	-	+
7.	-	+	-
8.	+	+	+
9.	-	+	+
10.	+	+	-

7.

A	100
B	70
C	30





$\frac{15}{100} \cdot 25\%$

8.

1.	4.
2.	9.
3.	1.
4.	6.
5.	5.
6.	2.
7.	7.
8.	8.
9.	9.
10.	3.

9.

1	2	3	4	5	6	7	8	9	10
к	е	г	б	з	8.	А	В	дс	а

10.  $\frac{1}{A-B}$   $\frac{2}{A-C}$   $\frac{3}{B-N}$   $\frac{4}{A+K}$   $\frac{5}{B-C}$   $\frac{6}{A-M}$   $\frac{7}{B-K}$   $\frac{8}{K-M}$

11.

1.	В
2.	ДТ
3.	В
4.	А
5.	Д

Часть А

ШИФР (заполняется организатором)

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Район 2022 (7683)

- 1 (A) (B) (C) (D) (E) 19 (A) (B) (C) (D) (E) 37 (A) (B) (C) (D) (E) (F)
- 2 (A) (B) (C) (D) (E) 20 (A) (B) (C) (D) (E) 38 (A) (B) (C) (D) (E)
- 3 (A) (B) (C) (D) (E) 21 (A) (B) (C) (D) (E) 39 (A) (B) (C) (D) (E) (F)
- 4 (A) (B) (C) (D) (E) 22 (A) (B) (C) (D) (E) (F) 40 (A) (B) (C) (D) (E) (F)
- 5 (A) (B) (C) (D) (E) 23 (A) (B) (C) (D) (E)
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- 8 (A) (B) (C) (D) (E) 26 (A) (B) (C) (D) (E)
- 9 (A) (B) (C) (D) (E) 27 (A) (B) (C) (D) (E)
- 10 (A) (B) (C) (D) (E) 28 (A) (B) (C) (D) (E) (F) (G)
- 11 (A) (B) (C) (D) (E) (F) 29 (A) (B) (C) (D) (E)
- 12 (A) (B) (C) (D) (E) (F) 30 (A) (B) (C) (D) (E)
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- 17 (A) (B) (C) (D) (E) 35 (A) (B) (C) (D) (E)
- 18 (A) (B) (C) (D) (E) 36 (A) (B) (C) (D) (E)

Часть В

1.

А	Б	В	Г	Д
4	2	5	1	3

2.

1.	Е
2.	М
3.	А
4.	Ж
5.	Т
6.	В
7.	б

5.

1.	0
2.	5
3.	1
4.	2
5.	4
6.	3

3.

1.	2
2.	7
3.	8
4.	10
5.	5 9
6.	4
7.	8 7
8.	9
9.	6
10.	5

6.

1.	6
2.	3
3.	8
4.	1
5.	10
6.	5
7.	4
8.	9
9.	8
10.	11
11.	(11)2

4.

1.	+		
2.		+	
3.	+		
4.			+
5.	+		
6.			+
7.		+	
8.		+	
9.	+		
10.		+	

7.

А.	р191
В.	р492
С.	р394

p 8 q 4

8.

1.	2
2.	6
3.	4
4.	10
5.	4
6.	3
7.	5
8.	9
9.	1
10.	8

9.

1	2	3	4	5	6	7	8	9	10
И	Ж	Г	К	А	Д	Б	З	Е	В

10. КМ ВКВСАК ВМАСАВ

11.

1.	Д
2.	Г
3.	В
4.	А
5.	Б

### Часть А

ШИФР (заполняется организатором)

ZIPGRADE.COM

- |   |                                    |                                    |                                    |                                    |                         |    |                                    |                                    |                                    |                                    |                         |    |                                    |                                    |                                    |                                    |                         |
|---|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-------------------------|----|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-------------------------|----|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-------------------------|
| 1 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 19 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 37 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |
| 2 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 20 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 38 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |
| 3 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 21 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 39 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |
| 4 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 22 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 40 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E |
| 5 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 23 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                                    |                                    |                         |
| 6 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 24 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                                    |                                    |                         |
| 7 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 25 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                                    |                                    |                         |
| 8 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 26 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E |    |                                    |                                    |                                    |                                    |                         |
| 9 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 27 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                                    |                                    |                         |

Район 2022 (7683)



- |    |                                    |                         |                                    |                                    |                         |    |                                    |                                    |                                    |                                    |                         |
|----|------------------------------------|-------------------------|------------------------------------|------------------------------------|-------------------------|----|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-------------------------|
| 10 | <input type="radio"/> A            | <input type="radio"/> B | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 28 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |
| 11 | <input checked="" type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 29 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |
| 12 | <input type="radio"/> A            | <input type="radio"/> B | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 30 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |
| 13 | <input type="radio"/> A            | <input type="radio"/> B | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 31 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E |
| 14 | <input type="radio"/> A            | <input type="radio"/> B | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 32 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |
| 15 | <input checked="" type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 33 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |
| 16 | <input type="radio"/> A            | <input type="radio"/> B | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 34 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E |
| 17 | <input type="radio"/> A            | <input type="radio"/> B | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 35 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |
| 18 | <input checked="" type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 36 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |

**Часть В**

1.

А	Б	В	Г	Д
1	2	5	4	3

2.

1.	24
2.	5
3.	7
4.	6
5.	2
6.	3
7.	4

5.

1.	5
2.	6
3.	1
4.	2
5.	4
6.	3

3.

1.	4
2.	3
3.	1
4.	5
5.	6
6.	3
7.	9
8.	4
9.	8
10.	10

6.

1.	2
2.	8
3.	10
4.	1
5.	3
6.	4
7.	6
8.	9
9.	5
10.	11
11.	7

4.

1.			+
2.	+		
3.		+	
4.			+
5.		+	
6.			+
7.	+		
8.		+	
9.		+	
10.			+

7.

A.	2
B.	5
C.	1

8. рәсім қ. 0,570

8.

1.	4
2.	8
3.	1
4.	6
5.	3
6.	2
7.	5
8.	10
9.	7
10.	9

9.

1	2	3	4	5	6	7	8	9	10
3	Д	ш	А	ш	В	Е	Т	Ә	К

10. В т/е С - 7%

11.

1.	Д
2.	В
3.	Ә
4.	Т
5.	Т

### Часть А

ШИФР (заполняется организатором)

ZIPGRADE.COM

Район 2022 (7683)

- |    |                                  |   |                                  |   |                                  |   |                                  |                       |    |                                  |   |                                  |   |                                  |                                  |                                  |                       |    |                                  |   |                       |                                  |                                  |   |   |
|----|----------------------------------|---|----------------------------------|---|----------------------------------|---|----------------------------------|-----------------------|----|----------------------------------|---|----------------------------------|---|----------------------------------|----------------------------------|----------------------------------|-----------------------|----|----------------------------------|---|-----------------------|----------------------------------|----------------------------------|---|---|
| 1  | <input checked="" type="radio"/> | B | <input type="radio"/>            | C | <input type="radio"/>            | E | 19                               | <input type="radio"/> | A  | <input checked="" type="radio"/> | L | <input type="radio"/>            | D | <input type="radio"/>            | F                                | 37                               | <input type="radio"/> | A  | <input type="radio"/>            | B | <input type="radio"/> | <input checked="" type="radio"/> | E                                |   |   |
| 2  | <input type="radio"/>            | A | <input type="radio"/>            | B | <input type="radio"/>            | C | <input checked="" type="radio"/> | E                     | 20 | <input type="radio"/>            | A | <input type="radio"/>            | B | <input type="radio"/>            | L                                | <input checked="" type="radio"/> | F                     | 38 | <input checked="" type="radio"/> | B | <input type="radio"/> | C                                | <input type="radio"/>            | D | E |
| 3  | <input type="radio"/>            | A | <input type="radio"/>            | B | <input checked="" type="radio"/> | C | <input type="radio"/>            | E                     | 21 | <input type="radio"/>            | A | <input type="radio"/>            | B | <input type="radio"/>            | L                                | <input checked="" type="radio"/> | F                     | 39 | <input type="radio"/>            | A | <input type="radio"/> | B                                | <input checked="" type="radio"/> | D | E |
| 4  | <input checked="" type="radio"/> | B | <input type="radio"/>            | C | <input type="radio"/>            | E | 22                               | <input type="radio"/> | A  | <input type="radio"/>            | B | <input type="radio"/>            | L | <input checked="" type="radio"/> | F                                | 40                               | <input type="radio"/> | A  | <input checked="" type="radio"/> | B | <input type="radio"/> | C                                | E                                |   |   |
| 5  | <input type="radio"/>            | A | <input checked="" type="radio"/> | B | <input type="radio"/>            | F | 23                               | <input type="radio"/> | A  | <input type="radio"/>            | B | <input checked="" type="radio"/> | D | <input type="radio"/>            | E                                |                                  |                       |    |                                  |   |                       |                                  |                                  |   |   |
| 6  | <input type="radio"/>            | A | <input type="radio"/>            | B | <input checked="" type="radio"/> | C | <input type="radio"/>            | E                     | 24 | <input type="radio"/>            | A | <input checked="" type="radio"/> | B | <input type="radio"/>            | C                                | <input type="radio"/>            | F                     |    |                                  |   |                       |                                  |                                  |   |   |
| 7  | <input type="radio"/>            | A | <input checked="" type="radio"/> | L | <input type="radio"/>            | D | <input type="radio"/>            | E                     | 25 | <input type="radio"/>            | A | <input type="radio"/>            | B | <input type="radio"/>            | <input checked="" type="radio"/> | F                                |                       |    |                                  |   |                       |                                  |                                  |   |   |
| 8  | <input type="radio"/>            | A | <input type="radio"/>            | B | <input checked="" type="radio"/> | D | <input type="radio"/>            | E                     | 26 | <input type="radio"/>            | A | <input type="radio"/>            | B | <input type="radio"/>            | <input checked="" type="radio"/> | F                                |                       |    |                                  |   |                       |                                  |                                  |   |   |
| 9  | <input type="radio"/>            | A | <input type="radio"/>            | B | <input type="radio"/>            | L | <input checked="" type="radio"/> | E                     | 27 | <input type="radio"/>            | A | <input type="radio"/>            | B | <input checked="" type="radio"/> | D                                | <input type="radio"/>            | E                     |    |                                  |   |                       |                                  |                                  |   |   |
| 10 | <input type="radio"/>            | A | <input checked="" type="radio"/> | B | <input type="radio"/>            | C | <input type="radio"/>            | E                     | 28 | <input checked="" type="radio"/> | B | <input type="radio"/>            | C | <input type="radio"/>            | F                                | <input type="radio"/>            | G                     |    |                                  |   |                       |                                  |                                  |   |   |
| 11 | <input checked="" type="radio"/> | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/>            | E                     | 29 | <input type="radio"/>            | A | <input type="radio"/>            | E | <input type="radio"/>            | C                                | <input checked="" type="radio"/> | B                     |    |                                  |   |                       |                                  |                                  |   |   |
| 12 | <input type="radio"/>            | A | <input checked="" type="radio"/> | C | <input type="radio"/>            | D | <input type="radio"/>            | L                     | 30 | <input type="radio"/>            | A | <input type="radio"/>            | B | <input checked="" type="radio"/> | D                                | <input type="radio"/>            | E                     |    |                                  |   |                       |                                  |                                  |   |   |
| 13 | <input type="radio"/>            | A | <input type="radio"/>            | B | <input type="radio"/>            | C | <input checked="" type="radio"/> | L                     | 31 | <input type="radio"/>            | A | <input checked="" type="radio"/> | L | <input type="radio"/>            | D                                | <input type="radio"/>            | E                     |    |                                  |   |                       |                                  |                                  |   |   |
| 14 | <input type="radio"/>            | A | <input type="radio"/>            | B | <input checked="" type="radio"/> | D | <input type="radio"/>            | L                     | 32 | <input type="radio"/>            | A | <input type="radio"/>            | B | <input type="radio"/>            | L                                | <input checked="" type="radio"/> | E                     |    |                                  |   |                       |                                  |                                  |   |   |
| 15 | <input checked="" type="radio"/> | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/>            | F                     | 33 | <input type="radio"/>            | A | <input checked="" type="radio"/> | B | <input type="radio"/>            | D                                | <input type="radio"/>            | E                     |    |                                  |   |                       |                                  |                                  |   |   |
| 16 | <input type="radio"/>            | A | <input type="radio"/>            | B | <input checked="" type="radio"/> | F | <input type="radio"/>            | E                     | 34 | <input type="radio"/>            | A | <input checked="" type="radio"/> | B | <input type="radio"/>            | C                                | <input type="radio"/>            | F                     |    |                                  |   |                       |                                  |                                  |   |   |
| 17 | <input checked="" type="radio"/> | B | <input type="radio"/>            | C | <input type="radio"/>            | L | <input type="radio"/>            | F                     | 35 | <input type="radio"/>            | A | <input type="radio"/>            | B | <input checked="" type="radio"/> | D                                | <input type="radio"/>            | E                     |    |                                  |   |                       |                                  |                                  |   |   |
| 18 | <input type="radio"/>            | A | <input type="radio"/>            | B | <input checked="" type="radio"/> | F | <input type="radio"/>            | E                     | 36 | <input checked="" type="radio"/> | B | <input type="radio"/>            | C | <input type="radio"/>            | F                                | <input type="radio"/>            | G                     |    |                                  |   |                       |                                  |                                  |   |   |



Часть В

1.

А	Б	В	Г	Д
1	2	5	4	3

2.

1.	Ж
2.	Б
3.	А
4.	Е
5.	Г
6.	В
7.	Д

5.

1.	5
2.	6
3.	1
4.	2
5.	4
6.	3

3.

1.	2
2.	5
3.	8
4.	9
5.	3
6.	10
7.	4
8.	7
9.	6
10.	1

6.

1.	6
2.	3
3.	5
4.	1
5.	11
6.	4
7.	7
8.	9
9.	8
10.	10
11.	2

4.

1.		+	
2.	+		
3.		+	
4.		+	
5.			+
6.	+		
7.		+	
8.	+		
9.			+
10.		+	

7.

A.	90
B.	85
C.	25

р 1 9 5

8.

1.	8
2.	10
3.	6
4.	4
5.	7
6.	2
7.	3
8.	5
9.	1
10.	9

9.

1	2	3	4	5	6	7	8	9	10
И	Е	Б	Д	А	К	З	Г	В	Ж

10. AM KM BC AB

11.

1.	Г
2.	А
3.	В
4.	Б
5.	Д

### Часть А

ШИФР (заполняется организатором)

ZIPGRADE.COM

Район 2022 (7683)

- |    |                                  |   |                                  |   |                                  |   |                                  |   |                       |   |    |                                  |   |                                  |   |                                  |   |                                  |   |                       |   |    |                                  |   |                                  |   |                       |   |                       |   |                       |   |   |
|----|----------------------------------|---|----------------------------------|---|----------------------------------|---|----------------------------------|---|-----------------------|---|----|----------------------------------|---|----------------------------------|---|----------------------------------|---|----------------------------------|---|-----------------------|---|----|----------------------------------|---|----------------------------------|---|-----------------------|---|-----------------------|---|-----------------------|---|---|
| 1  | <input checked="" type="radio"/> | A | <input type="radio"/>            | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/> | E | 19 | <input type="radio"/>            | A | <input checked="" type="radio"/> | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/> | E | 37 | <input checked="" type="radio"/> | A | <input type="radio"/>            | B | <input type="radio"/> | C | <input type="radio"/> | D | <input type="radio"/> | E | L |
| 2  | <input type="radio"/>            | A | <input type="radio"/>            | B | <input type="radio"/>            | C | <input checked="" type="radio"/> | D | <input type="radio"/> | E | 20 | <input type="radio"/>            | A | <input type="radio"/>            | B | <input checked="" type="radio"/> | C | <input type="radio"/>            | D | <input type="radio"/> | E | 38 | <input type="radio"/>            | A | <input checked="" type="radio"/> | B | <input type="radio"/> | C | <input type="radio"/> | D | <input type="radio"/> | E | L |
| 3  | <input type="radio"/>            | A | <input type="radio"/>            | B | <input checked="" type="radio"/> | C | <input type="radio"/>            | D | <input type="radio"/> | E | 21 | <input type="radio"/>            | A | <input checked="" type="radio"/> | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/> | E | 39 | <input checked="" type="radio"/> | A | <input type="radio"/>            | B | <input type="radio"/> | C | <input type="radio"/> | D | <input type="radio"/> | E | L |
| 4  | <input type="radio"/>            | A | <input type="radio"/>            | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/> | E | 22 | <input type="radio"/>            | A | <input type="radio"/>            | B | <input type="radio"/>            | C | <input checked="" type="radio"/> | D | <input type="radio"/> | E | 40 | <input checked="" type="radio"/> | A | <input type="radio"/>            | B | <input type="radio"/> | C | <input type="radio"/> | D | <input type="radio"/> | E | L |
| 5  | <input checked="" type="radio"/> | A | <input type="radio"/>            | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/> | E | 23 | <input checked="" type="radio"/> | A | <input type="radio"/>            | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/> | E |    |                                  |   |                                  |   |                       |   |                       |   |                       |   |   |
| 6  | <input type="radio"/>            | A | <input type="radio"/>            | B | <input checked="" type="radio"/> | C | <input type="radio"/>            | D | <input type="radio"/> | E | 24 | <input type="radio"/>            | A | <input checked="" type="radio"/> | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/> | E |    |                                  |   |                                  |   |                       |   |                       |   |                       |   |   |
| 7  | <input type="radio"/>            | A | <input type="radio"/>            | B | <input checked="" type="radio"/> | C | <input type="radio"/>            | D | <input type="radio"/> | E | 25 | <input type="radio"/>            | A | <input type="radio"/>            | B | <input checked="" type="radio"/> | C | <input type="radio"/>            | D | <input type="radio"/> | E |    |                                  |   |                                  |   |                       |   |                       |   |                       |   |   |
| 8  | <input type="radio"/>            | A | <input type="radio"/>            | B | <input checked="" type="radio"/> | C | <input type="radio"/>            | D | <input type="radio"/> | E | 26 | <input checked="" type="radio"/> | A | <input type="radio"/>            | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/> | E |    |                                  |   |                                  |   |                       |   |                       |   |                       |   |   |
| 9  | <input type="radio"/>            | A | <input type="radio"/>            | B | <input type="radio"/>            | C | <input checked="" type="radio"/> | D | <input type="radio"/> | E | 27 | <input type="radio"/>            | A | <input type="radio"/>            | B | <input type="radio"/>            | C | <input checked="" type="radio"/> | D | <input type="radio"/> | E |    |                                  |   |                                  |   |                       |   |                       |   |                       |   |   |
| 10 | <input checked="" type="radio"/> | A | <input type="radio"/>            | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/> | E | 28 | <input checked="" type="radio"/> | A | <input type="radio"/>            | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/> | E |    |                                  |   |                                  |   |                       |   |                       |   |                       |   |   |
| 11 | <input type="radio"/>            | A | <input checked="" type="radio"/> | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/> | E | 29 | <input type="radio"/>            | A | <input type="radio"/>            | B | <input type="radio"/>            | C | <input checked="" type="radio"/> | D | <input type="radio"/> | E |    |                                  |   |                                  |   |                       |   |                       |   |                       |   |   |
| 12 | <input type="radio"/>            | A | <input type="radio"/>            | B | <input type="radio"/>            | C | <input checked="" type="radio"/> | D | <input type="radio"/> | E | 30 | <input checked="" type="radio"/> | A | <input type="radio"/>            | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/> | E |    |                                  |   |                                  |   |                       |   |                       |   |                       |   |   |
| 13 | <input type="radio"/>            | A | <input type="radio"/>            | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/> | E | 31 | <input type="radio"/>            | A | <input checked="" type="radio"/> | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/> | E |    |                                  |   |                                  |   |                       |   |                       |   |                       |   |   |
| 14 | <input checked="" type="radio"/> | A | <input type="radio"/>            | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/> | E | 32 | <input type="radio"/>            | A | <input type="radio"/>            | B | <input checked="" type="radio"/> | C | <input type="radio"/>            | D | <input type="radio"/> | E |    |                                  |   |                                  |   |                       |   |                       |   |                       |   |   |
| 15 | <input checked="" type="radio"/> | A | <input type="radio"/>            | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/> | E | 33 | <input type="radio"/>            | A | <input type="radio"/>            | B | <input type="radio"/>            | C | <input checked="" type="radio"/> | D | <input type="radio"/> | E |    |                                  |   |                                  |   |                       |   |                       |   |                       |   |   |
| 16 | <input type="radio"/>            | A | <input type="radio"/>            | B | <input checked="" type="radio"/> | C | <input type="radio"/>            | D | <input type="radio"/> | E | 34 | <input type="radio"/>            | A | <input type="radio"/>            | B | <input type="radio"/>            | C | <input checked="" type="radio"/> | D | <input type="radio"/> | E |    |                                  |   |                                  |   |                       |   |                       |   |                       |   |   |
| 17 | <input checked="" type="radio"/> | A | <input type="radio"/>            | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/> | E | 35 | <input type="radio"/>            | A | <input checked="" type="radio"/> | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/> | E |    |                                  |   |                                  |   |                       |   |                       |   |                       |   |   |
| 18 | <input checked="" type="radio"/> | A | <input type="radio"/>            | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/> | E | 36 | <input type="radio"/>            | A | <input type="radio"/>            | B | <input type="radio"/>            | C | <input checked="" type="radio"/> | D | <input type="radio"/> | E |    |                                  |   |                                  |   |                       |   |                       |   |                       |   |   |

Часть В

1.

А	Б	В	Г	Д
5	2	4	1	3

2.

1.	Ж
2.	Б
3.	А
4.	Е
5.	Д
6.	Г
7.	О

5.

1.	6
2.	5
3.	1
4.	2
5.	4
6.	3

3.

1.	8
2.	5
3.	2
4.	10
5.	9
6.	1
7.	6
8.	3
9.	4
10.	7

6.

1.	5
2.	6
3.	1
4.	9
5.	4
6.	2
7.	11
8.	3
9.	8
10.	4
11.	10

4.

1.	+	-	-
2.	-	+	-
3.	-	+	-
4.	-	-	+
5.	-	-	+
6.	-	+	-
7.	+	-	-
8.	+	-	-
9.	+	-	-
10.	-	+	-

7.

A.
B.
C.



p \_\_\_\_\_ q \_\_\_\_\_

8.

1.	9
2.	4
3.	10
4.	5
5.	1
6.	6
7.	2
8.	4
9.	3
10.	1

9.

1	2	3	4	5	6	7	8	9	10
М	Д	Ж	А	З	Е	В	К	Б	Ц

10. \_\_\_\_\_

11.

1.	Б
2.	А
3.	Г
4.	Е
5.	Д

### Часть А

ШИФР (заполняется организатором)

ZIPGRADE.COM

Район 2022 (7683)

- |    |                                  |   |                                  |   |                                  |   |                                  |   |    |                                  |                                  |                                  |                                  |                                  |                                  |                       |                                  |    |                       |                       |                                  |                       |                       |                                  |                                  |                       |                       |                       |                       |   |
|----|----------------------------------|---|----------------------------------|---|----------------------------------|---|----------------------------------|---|----|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|-----------------------|----------------------------------|----|-----------------------|-----------------------|----------------------------------|-----------------------|-----------------------|----------------------------------|----------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|---|
| 1  | <input checked="" type="radio"/> | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/>            | E | 19 | <input type="radio"/>            | A                                | <input checked="" type="radio"/> | C                                | <input type="radio"/>            | D                                | <input type="radio"/> | E                                | 37 | <input type="radio"/> | A                     | <input type="radio"/>            | B                     | <input type="radio"/> | C                                | <input checked="" type="radio"/> | D                     | <input type="radio"/> | E                     |                       |   |
| 2  | <input type="radio"/>            | A | <input type="radio"/>            | B | <input checked="" type="radio"/> | C | <input type="radio"/>            | D | E  | 20                               | <input type="radio"/>            | C                                | <input type="radio"/>            | B                                | <input checked="" type="radio"/> | D                     | <input type="radio"/>            | E  | 38                    | <input type="radio"/> | A                                | <input type="radio"/> | B                     | <input checked="" type="radio"/> | C                                | <input type="radio"/> | D                     | <input type="radio"/> | E                     |   |
| 3  | <input type="radio"/>            | A | <input type="radio"/>            | B | <input type="radio"/>            | C | <input checked="" type="radio"/> | D | E  | 21                               | <input type="radio"/>            | A                                | <input type="radio"/>            | B                                | <input type="radio"/>            | C                     | <input checked="" type="radio"/> | D  | E                     | 39                    | <input checked="" type="radio"/> | B                     | <input type="radio"/> | C                                | <input type="radio"/>            | D                     | <input type="radio"/> | E                     |                       |   |
| 4  | <input type="radio"/>            | A | <input checked="" type="radio"/> | B | <input type="radio"/>            | C | <input type="radio"/>            | D | E  | 22                               | <input type="radio"/>            | A                                | <input type="radio"/>            | B                                | <input type="radio"/>            | C                     | <input checked="" type="radio"/> | D  | E                     | 40                    | <input type="radio"/>            | A                     | <input type="radio"/> | B                                | <input checked="" type="radio"/> | C                     | <input type="radio"/> | D                     | <input type="radio"/> | E |
| 5  | <input type="radio"/>            | A | <input type="radio"/>            | B | <input type="radio"/>            | C | <input checked="" type="radio"/> | D | E  | 23                               | <input type="radio"/>            | A                                | <input type="radio"/>            | B                                | <input checked="" type="radio"/> | C                     | <input type="radio"/>            | D  | E                     |                       |                                  |                       |                       |                                  |                                  |                       |                       |                       |                       |   |
| 6  | <input type="radio"/>            | A | <input type="radio"/>            | B | <input checked="" type="radio"/> | C | <input type="radio"/>            | D | E  | 24                               | <input type="radio"/>            | A                                | <input checked="" type="radio"/> | B                                | <input type="radio"/>            | C                     | <input type="radio"/>            | D  | E                     |                       |                                  |                       |                       |                                  |                                  |                       |                       |                       |                       |   |
| 7  | <input checked="" type="radio"/> | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/>            | E | 25 | <input type="radio"/>            | A                                | <input checked="" type="radio"/> | B                                | <input type="radio"/>            | C                                | <input type="radio"/> | D                                | E  |                       |                       |                                  |                       |                       |                                  |                                  |                       |                       |                       |                       |   |
| 8  | <input type="radio"/>            | A | <input type="radio"/>            | B | <input checked="" type="radio"/> | C | <input type="radio"/>            | D | E  | 26                               | <input type="radio"/>            | A                                | <input type="radio"/>            | B                                | <input checked="" type="radio"/> | C                     | <input type="radio"/>            | D  | E                     |                       |                                  |                       |                       |                                  |                                  |                       |                       |                       |                       |   |
| 9  | <input checked="" type="radio"/> | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/>            | E | 27 | <input type="radio"/>            | A                                | <input checked="" type="radio"/> | B                                | <input type="radio"/>            | C                                | <input type="radio"/> | D                                | E  |                       |                       |                                  |                       |                       |                                  |                                  |                       |                       |                       |                       |   |
|    |                                  |   |                                  |   |                                  |   |                                  |   |    |                                  |                                  |                                  |                                  |                                  |                                  |                       |                                  |    |                       |                       |                                  |                       |                       |                                  |                                  |                       |                       |                       |                       |   |
| 10 | <input checked="" type="radio"/> | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/>            | E | 28 | <input checked="" type="radio"/> | B                                | <input type="radio"/>            | C                                | <input type="radio"/>            | D                                | <input type="radio"/> | E                                |    |                       |                       |                                  |                       |                       |                                  |                                  |                       |                       |                       |                       |   |
| 11 | <input type="radio"/>            | A | <input type="radio"/>            | B | <input checked="" type="radio"/> | C | <input type="radio"/>            | D | E  | 29                               | <input checked="" type="radio"/> | B                                | <input type="radio"/>            | C                                | <input type="radio"/>            | D                     | <input type="radio"/>            | E  |                       |                       |                                  |                       |                       |                                  |                                  |                       |                       |                       |                       |   |
| 12 | <input type="radio"/>            | A | <input type="radio"/>            | B | <input checked="" type="radio"/> | C | <input type="radio"/>            | D | E  | 30                               | <input type="radio"/>            | A                                | <input checked="" type="radio"/> | B                                | <input type="radio"/>            | C                     | <input type="radio"/>            | D  | E                     |                       |                                  |                       |                       |                                  |                                  |                       |                       |                       |                       |   |
| 13 | <input type="radio"/>            | A | <input checked="" type="radio"/> | B | <input type="radio"/>            | C | <input type="radio"/>            | D | E  | 31                               | <input type="radio"/>            | A                                | <input checked="" type="radio"/> | B                                | <input type="radio"/>            | C                     | <input type="radio"/>            | D  | E                     |                       |                                  |                       |                       |                                  |                                  |                       |                       |                       |                       |   |
| 14 | <input type="radio"/>            | A | <input checked="" type="radio"/> | B | <input type="radio"/>            | C | <input type="radio"/>            | D | E  | 32                               | <input type="radio"/>            | A                                | <input checked="" type="radio"/> | B                                | <input type="radio"/>            | C                     | <input type="radio"/>            | D  | E                     |                       |                                  |                       |                       |                                  |                                  |                       |                       |                       |                       |   |
| 15 | <input checked="" type="radio"/> | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/>            | E | 33 | <input type="radio"/>            | A                                | <input type="radio"/>            | B                                | <input checked="" type="radio"/> | C                                | <input type="radio"/> | D                                | E  |                       |                       |                                  |                       |                       |                                  |                                  |                       |                       |                       |                       |   |
| 16 | <input type="radio"/>            | A | <input checked="" type="radio"/> | B | <input type="radio"/>            | C | <input type="radio"/>            | D | E  | 34                               | <input type="radio"/>            | A                                | <input type="radio"/>            | B                                | <input checked="" type="radio"/> | C                     | <input type="radio"/>            | D  | E                     |                       |                                  |                       |                       |                                  |                                  |                       |                       |                       |                       |   |
| 17 | <input type="radio"/>            | A | <input type="radio"/>            | B | <input checked="" type="radio"/> | C | <input type="radio"/>            | D | E  | 35                               | <input checked="" type="radio"/> | B                                | <input type="radio"/>            | C                                | <input type="radio"/>            | D                     | <input type="radio"/>            | E  |                       |                       |                                  |                       |                       |                                  |                                  |                       |                       |                       |                       |   |
| 18 | <input type="radio"/>            | A | <input type="radio"/>            | B | <input type="radio"/>            | C | <input checked="" type="radio"/> | D | E  | 36                               | <input type="radio"/>            | A                                | <input checked="" type="radio"/> | B                                | <input type="radio"/>            | C                     | <input type="radio"/>            | D  | E                     |                       |                                  |                       |                       |                                  |                                  |                       |                       |                       |                       |   |

Часть В

1.

А	Б	В	Г	Д
2	3	5	1	4

2.

1.	К
2.	В
3.	С
4.	Д
5.	А
6.	Б
7.	А

5.

1.	6
2.	2
3.	1
4.	5
5.	4
6.	3

3.

1.	7
2.	2
3.	9
4.	8
5.	2
6.	4
7.	10
8.	(2)3
9.	9
10.	1

6.

1.	2
2.	3
3.	7
4.	1
5.	4
6.	10
7.	6
8.	8
9.	5
10.	11
11.	9

4.

1.		+	
2.	+		
3.			+
4.		+	
5.			+
6.			+
7.	+		
8.	+		
9.		+	
10.			+

7.

A	5
B	2
C	1

8. 70 қ 0, 100

8.

1.	4
2.	9
3.	1
4.	6
5.	8
6.	2
7.	5
8.	7
9.	10
10.	3

9.

1	2	3	4	5	6	7	8	9	10
К	В	А	Г	З	Д	И	Е	Ж	Б

10. Н, К, А, С, В

11.

1.	В
2.	2
3.	Д
4.	А
5.	Б



Часть А

ШИФР (заполняется организатором)

[Empty box for code]

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- 1 (A) (B) (C) (D) (E) 19 (A) (B) (C) (D) (E) 37 (A) (B) (C) (D) (E)
- 2 (A) (B) (C) (D) (E) 20 (A) (B) (C) (D) (E) 38 (A) (B) (C) (D) (E)
- 3 (A) (B) (C) (D) (E) 21 (A) (B) (C) (D) (E) 39 (A) (B) (C) (D) (E)
- 4 (A) (B) (C) (D) (E) 22 (A) (B) (C) (D) (E) 40 (A) (B) (C) (D) (E)
- 5 (A) (B) (C) (D) (E) 23 (A) (B) (C) (D) (E)
- 6 (A) (B) (C) (D) (E) 24 (A) (B) (C) (D) (E)
- 7 (A) (B) (C) (D) (E) 25 (A) (B) (C) (D) (E)
- 8 (A) (B) (C) (D) (E) 26 (A) (B) (C) (D) (E)
- 9 (A) (B) (C) (D) (E) 27 (A) (B) (C) (D) (E)
- 10 (A) (B) (C) (D) (E) 28 (A) (B) (C) (D) (E)
- 11 (A) (B) (C) (D) (E) 29 (A) (B) (C) (D) (E)
- 12 (A) (B) (C) (D) (E) 30 (A) (B) (C) (D) (E)
- 13 (A) (B) (C) (D) (E) 31 (A) (B) (C) (D) (E)
- 14 (A) (B) (C) (D) (E) 32 (A) (B) (C) (D) (E)
- 15 (A) (B) (C) (D) (E) 33 (A) (B) (C) (D) (E)
- 16 (A) (B) (C) (D) (E) 34 (A) (B) (C) (D) (E)
- 17 (A) (B) (C) (D) (E) 35 (A) (B) (C) (D) (E)
- 18 (A) (B) (C) (D) (E) 36 (A) (B) (C) (D) (E)

Район 2022 (7683)

Часть В

1.

А	Б	В	Г	Д
4)	2)	3)	1)	5)

2.

1.	Г
2.	Ж
3.	В
4.	Д
5.	З
6.	А
7.	Е

5.

1.	2
2.	5
3.	1
4.	3
5.	6
6.	4

3.

1.	1
2.	9
3.	5
4.	2
5.	8
6.	9
7.	3
8.	6
9.	10
10.	4

6.

1.	5
2.	10
3.	1
4.	4
5.	9
6.	11
7.	2
8.	9
9.	7
10.	1
11.	6

4.

1.	+		
2.			+
3.			+
4.	+		
5.		+	
6.	+		
7.		+	
8.			+
9.		+	
10.	+		

7.

A.	5.
B.	2
C.	1

р, в, б, а қ, о, з, ғ

8.

1.	4
2.	6
3.	9
4.	1
5.	10
6.	2
7.	3
8.	9
9.	8
10.	5

9.

1	2	3	4	5	6	7	8	9	10
Е	Ж	Ф	З	Ш	Қ	Т	А	В	

10. В-3%; А-С-4%; К-6%; Д-9%; В-С-8%; В-К-5%; В-Д-5%; К-Д-1%

11.

1.	В
2.	В
3.	Д
4.	А
5.	Т

### Часть А

ШИФР (заполняется организатором)

ZIPGRADE.COM

Район 2022 (7683)

1 (A) (C) (D) (E) 19 (A) (C) (D) (E) 37 (A) (C) (D) (E)

2 (A) (B) (C) (D) (E) 20 (A) (B) (C) (D) (E) 38 (A) (B) (C) (D) (E)

3 (A) (B) (C) (D) (E) 21 (A) (B) (C) (D) (E) 39 (A) (B) (C) (D) (E)

4 (A) (B) (C) (D) (E) 22 (A) (B) (C) (D) (E) 40 (A) (B) (C) (D) (E)

5 (A) (B) (C) (D) (E) 23 (A) (B) (C) (D) (E)

6 (A) (B) (C) (D) (E) 24 (A) (B) (C) (D) (E)

7 (A) (B) (C) (D) (E) 25 (A) (B) (C) (D) (E)

8 (A) (B) (C) (D) (E) 26 (A) (B) (C) (D) (E)

9 (A) (B) (C) (D) (E) 27 (A) (B) (C) (D) (E)

10 (A) (B) (C) (D) (E) 28 (A) (B) (C) (D) (E)

11 (A) (B) (C) (D) (E) 29 (A) (B) (C) (D) (E)

12 (A) (B) (C) (D) (E) 30 (A) (B) (C) (D) (E)

13 (A) (B) (C) (D) (E) 31 (A) (B) (C) (D) (E)

14 (A) (B) (C) (D) (E) 32 (A) (B) (C) (D) (E)

15 (A) (B) (C) (D) (E) 33 (A) (B) (C) (D) (E)

16 (A) (B) (C) (D) (E) 34 (A) (B) (C) (D) (E)

17 (A) (B) (C) (D) (E) 35 (A) (B) (C) (D) (E)

18 (A) (B) (C) (D) (E) 36 (A) (B) (C) (D) (E)

Часть В

1.

А	Б	В	Г	Д
1	4	3	5	2

2.

1.	В.
2.	Б
3.	А
4.	Е
5.	Д
6.	Г
7.	Ө

5.

1.	6
2.	3
3.	1
4.	2
5.	4
6.	3

3.

1.	1.
2.	10.
3.	6.
4.	9.
5.	8.
6.	7.
7.	4.
8.	5.
9.	3.
10.	2.

6.

1.	4
2.	3
3.	9.
4.	5.
5.	8.
6.	4
7.	1.
8.	11.
9.	6.
10.	10.
11.	2

4.

1.	+		
2.		+	
3.			+
4.		+	
5.			+
6.		+	
7.	+		
8.	+		
9.	+		
10.		+	

7.

A.
B.
C.

р \_\_\_\_\_ қ \_\_\_\_\_

8.

1.	6
2.	5
3.	1
4.	4
5.	8
6.	2
7.	9
8.	10
9.	7
10.	3

9.

1	2	3	4	5	6	7	8	9	10
Е	В	А	И	З	Д	Г	Б	К	К.

10. к-с-а-в-м.

11.

1.	Г
2.	Б
3.	А
4.	Б
5.	Д

### Часть А

ШИФР (заполняется организатором)

ZIPGRADE.COM

- |   |                                  |                                  |                                  |                       |                       |    |                                  |                                  |                                  |                       |                                  |                       |    |                                  |                                  |                                  |                       |                       |                       |                       |
|---|----------------------------------|----------------------------------|----------------------------------|-----------------------|-----------------------|----|----------------------------------|----------------------------------|----------------------------------|-----------------------|----------------------------------|-----------------------|----|----------------------------------|----------------------------------|----------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 1 | <input checked="" type="radio"/> | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/> | <input type="radio"/> | 19 | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/> | <input type="radio"/>            | <input type="radio"/> | 37 | <input type="radio"/>            | <input checked="" type="radio"/> | <input type="radio"/>            | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 2 | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/> | <input type="radio"/> | 20 | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/> | <input type="radio"/>            | <input type="radio"/> | 38 | <input checked="" type="radio"/> | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 3 | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/> | <input type="radio"/> | 21 | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/> | <input type="radio"/>            | <input type="radio"/> | 39 | <input type="radio"/>            | <input type="radio"/>            | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 4 | <input checked="" type="radio"/> | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/> | <input type="radio"/> | 22 | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/> | <input type="radio"/>            | <input type="radio"/> | 40 | <input checked="" type="radio"/> | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 5 | <input checked="" type="radio"/> | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/> | <input type="radio"/> | 23 | <input checked="" type="radio"/> | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/> | <input type="radio"/>            | <input type="radio"/> |    |                                  |                                  |                                  |                       |                       |                       |                       |
| 6 | <input type="radio"/>            | <input type="radio"/>            | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | 24 | <input type="radio"/>            | <input checked="" type="radio"/> | <input type="radio"/>            | <input type="radio"/> | <input type="radio"/>            |                       |    |                                  |                                  |                                  |                       |                       |                       |                       |
| 7 | <input type="radio"/>            | <input checked="" type="radio"/> | <input type="radio"/>            | <input type="radio"/> | <input type="radio"/> | 25 | <input type="radio"/>            | <input type="radio"/>            | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/>            |                       |    |                                  |                                  |                                  |                       |                       |                       |                       |
| 8 | <input type="radio"/>            | <input type="radio"/>            | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | 26 | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> |    |                                  |                                  |                                  |                       |                       |                       |                       |
| 9 | <input checked="" type="radio"/> | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/> | <input type="radio"/> | 27 | <input type="radio"/>            | <input type="radio"/>            | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/>            |                       |    |                                  |                                  |                                  |                       |                       |                       |                       |

Район 2022 (7683)



- |    |                                  |                                  |                                  |                       |                       |    |                                  |                                  |                                  |                                  |                       |  |  |  |  |  |  |  |  |  |
|----|----------------------------------|----------------------------------|----------------------------------|-----------------------|-----------------------|----|----------------------------------|----------------------------------|----------------------------------|----------------------------------|-----------------------|--|--|--|--|--|--|--|--|--|
| 10 | <input type="radio"/>            | <input checked="" type="radio"/> | <input type="radio"/>            | <input type="radio"/> | <input type="radio"/> | 28 | <input type="radio"/>            | <input type="radio"/>            | <input checked="" type="radio"/> | <input type="radio"/>            | <input type="radio"/> |  |  |  |  |  |  |  |  |  |
| 11 | <input type="radio"/>            | <input type="radio"/>            | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | 29 | <input type="radio"/>            | <input checked="" type="radio"/> | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/> |  |  |  |  |  |  |  |  |  |
| 12 | <input type="radio"/>            | <input type="radio"/>            | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | 30 | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/>            | <input checked="" type="radio"/> | <input type="radio"/> |  |  |  |  |  |  |  |  |  |
| 13 | <input type="radio"/>            | <input type="radio"/>            | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | 31 | <input type="radio"/>            | <input checked="" type="radio"/> | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/> |  |  |  |  |  |  |  |  |  |
| 14 | <input type="radio"/>            | <input checked="" type="radio"/> | <input type="radio"/>            | <input type="radio"/> | <input type="radio"/> | 32 | <input type="radio"/>            | <input type="radio"/>            | <input checked="" type="radio"/> | <input type="radio"/>            | <input type="radio"/> |  |  |  |  |  |  |  |  |  |
| 15 | <input checked="" type="radio"/> | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/> | <input type="radio"/> | 33 | <input checked="" type="radio"/> | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/> |  |  |  |  |  |  |  |  |  |
| 16 | <input type="radio"/>            | <input type="radio"/>            | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | 34 | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/>            | <input checked="" type="radio"/> | <input type="radio"/> |  |  |  |  |  |  |  |  |  |
| 17 | <input checked="" type="radio"/> | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/> | <input type="radio"/> | 35 | <input checked="" type="radio"/> | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/> |  |  |  |  |  |  |  |  |  |
| 18 | <input checked="" type="radio"/> | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/> | <input type="radio"/> | 36 | <input type="radio"/>            | <input type="radio"/>            | <input checked="" type="radio"/> | <input type="radio"/>            | <input type="radio"/> |  |  |  |  |  |  |  |  |  |

Часть В

1.

А	Б	В	Г	Д
9	2	4	1	5

2.

1.	D
2.	K
3.	Г
4.	E
5.	B
6.	A
7.	Б

5.

1.	2
2.	3
3.	1
4.	5
5.	4
6.	6

3.

1.	2
2.	6
3.	9
4.	10
5.	5
6.	9
7.	1
8.	4
9.	2
10.	7

6.

1.	11
2.	9
3.	7
4.	4
5.	1
6.	6
7.	3
8.	10
9.	2
10.	8
11.	5

4.

1.			
2.	+	+	-
3.	-	-	+
4.	+	-	+
5.	-	+	-
6.	-	+	+
7.	-	-	+
8.	+	+	+
9.	-	+	-
10.	-	+	+

7.

A.	C
B.	B
C.	A



p 0,340q 0,340

8.

1.	6
2.	10
3.	8
4.	1
5.	2
6.	9
7.	5
8.	7
9.	4
10.	3

9.

1	2	3	4	5	6	7	8	9	10
D	B	E	3	B	F	4	0C	A	A

10. Area C - 4%

11.

1.	B
2.	D
3.	F
4.	A
5.	B

### Часть А

ШИФР (заполняется организатором)

ZIPGRADE.COM

Район 2022 (7683)

- 1  B  C  D  E 19  A  B  C  D  E 37  A  B  C  D  E
- 2  A  B  C  D  E 20  A  B  C  D  E 38  A  B  C  D  E
- 3  A  B  C  D  E 21  A  B  C  D  E 39  A  B  C  D  E
- 4  A  B  C  D  E 22  A  B  C  D  E 40  A  B  C  D  E
- 5  A  B  C  D  E 23  A  B  C  D  E
- 6  A  B  C  D  E 24  A  B  C  D  E
- 7  A  B  C  D  E 25  A  B  C  D  E
- 8  A  B  C  D  E 26  A  B  C  D  E
- 9  A  B  C  D  E 27  A  B  C  D  E
- 10  A  B  C  D  E 28  A  B  C  D  E
- 11  A  B  C  D  E 29  A  B  C  D  E
- 12  A  B  C  D  E 30  A  B  C  D  E
- 13  A  B  C  D  E 31  A  B  C  D  E
- 14  A  B  C  D  E 32  A  B  C  D  E
- 15  A  B  C  D  E 33  A  B  C  D  E
- 16  A  B  C  D  E 34  A  B  C  D  E
- 17  A  B  C  D  E 35  A  B  C  D  E
- 18  A  B  C  D  E 36  A  B  C  D  E

Часть В

1.

А	Б	В	Г	Д
5	2	3	4	1

2.

1.	Б
2.	PC
3.	В
4.	Э
5.	А
6.	Г
7.	Д

5.

1.	2
2.	1
3.	4
4.	5
5.	6
6.	3

3.

1.	8h
2.	5
3.	3
4.	8
5.	10
6.	9
7.	4
8.	6
9.	1
10.	2

6.

1.	4
2.	2
3.	9
4.	11
5.	3
6.	1
7.	4
8.	8
9.	4
10.	5
11.	10

4.

1.	+		
2.	+		
3.		+	
4.			+
5.	+		
6.		+	
7.		+	
8.	+		
9.			+
10.			+

7.

A.	2
B.	5
C.	1

р і а б

8.

1.	9
2.	2
3.	4
4.	5
5.	7
6.	10
7.	1
8.	3
9.	6
10.	8

9.

1	2	3	4	5	6	7	8	9	10
В	И	А	Ф	Т	Б	Е	Ж	К	З.

10. А және И - 206

11.

1.	Т
2.	Ф
3.	В
4.	А
5.	Б.

### Часть А

ШИФР (заполняется организатором)

ZIPGRADE.COM

Район 2022 (7683)

- |    |                                    |                                    |                                    |                                    |                         |    |                                    |                                    |                                    |                         |                         |    |                                    |                         |                                    |                         |                         |
|----|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-------------------------|----|------------------------------------|------------------------------------|------------------------------------|-------------------------|-------------------------|----|------------------------------------|-------------------------|------------------------------------|-------------------------|-------------------------|
| 1  | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 19 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D | <input type="radio"/> E | 37 | <input type="radio"/> A            | <input type="radio"/> B | <input checked="" type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E |
| 2  | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 20 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D | <input type="radio"/> E | 38 | <input checked="" type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D | <input type="radio"/> E |
| 3  | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 21 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D | <input type="radio"/> E | 39 | <input checked="" type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D | <input type="radio"/> E |
| 4  | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 22 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E | 40 | <input type="radio"/> A            | <input type="radio"/> B | <input checked="" type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E |
| 5  | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 23 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E |    |                                    |                         |                                    |                         |                         |
| 6  | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 24 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D | <input type="radio"/> E |    |                                    |                         |                                    |                         |                         |
| 7  | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 25 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D | <input type="radio"/> E |    |                                    |                         |                                    |                         |                         |
| 8  | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 26 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E |    |                                    |                         |                                    |                         |                         |
| 9  | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 27 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E |    |                                    |                         |                                    |                         |                         |
| 10 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 28 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D | <input type="radio"/> E |    |                                    |                         |                                    |                         |                         |
| 11 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 29 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D | <input type="radio"/> E |    |                                    |                         |                                    |                         |                         |
| 12 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 30 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D | <input type="radio"/> E |    |                                    |                         |                                    |                         |                         |
| 13 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 31 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D | <input type="radio"/> E |    |                                    |                         |                                    |                         |                         |
| 14 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 32 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D | <input type="radio"/> E |    |                                    |                         |                                    |                         |                         |
| 15 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 33 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E |    |                                    |                         |                                    |                         |                         |
| 16 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 34 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D | <input type="radio"/> E |    |                                    |                         |                                    |                         |                         |
| 17 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 35 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D | <input type="radio"/> E |    |                                    |                         |                                    |                         |                         |
| 18 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 36 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D | <input type="radio"/> E |    |                                    |                         |                                    |                         |                         |

Часть В

1.

А	Б	В	Г	Д
2	3	7	7	4

2.

1.	Э
2.	Б
3.	А
4.	Г
5.	Е
6.	В
7.	Д

5.

1.	5
2.	6
3.	7
4.	2
5.	4
6.	3

3.

1.	8
2.	4
3.	3
4.	5
5.	1
6.	2
7.	12
8.	10
9.	6
10.	5

6.

1.	7
2.	3
3.	2
4.	7
5.	5
6.	7
7.	6
8.	10
9.	5
10.	11
11.	4

4.

1.		+	
2.	+		
3.			+
4.		+	
5.			+
6.		+	
7.	+		
8.		+	
9.			+
10.	+		

7.

A.	57 / 2 = 114
B.	37 / 2 = 74
C.	6 / 2 = 12

p 50% a 50%

8.

1.	4
2.	9
3.	1
4.	6
5.	3
6.	2
7.	8
8.	5
9.	7
10.	10

9.

1	2	3	4	5	6	7	8	9	10
A	B	A	E	S	U	K	G	M	T

10.  $A \cup B; A \cup C; A \cup K; A \cup M; A \cup S; B \cup K; B \cup M; K \cup M.$

11.

1.	B
2.	A
3.	T
4.	G
5.	A

### Часть А

ШИФР (заполняется организатором)

ZIPGRADE.COM

Район 2022 (7683)

- |    |                                  |   |                                  |   |                                  |                                  |                       |                       |                       |                       |                                  |                       |                                  |                       |                                  |                                  |                                  |                       |                       |                       |    |                                  |   |                                  |   |                                  |                       |                       |                       |                       |                       |
|----|----------------------------------|---|----------------------------------|---|----------------------------------|----------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------------------------------|-----------------------|----------------------------------|-----------------------|----------------------------------|----------------------------------|----------------------------------|-----------------------|-----------------------|-----------------------|----|----------------------------------|---|----------------------------------|---|----------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 1  | <input checked="" type="radio"/> | V | <input type="radio"/>            | B | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | 19                    | <input type="radio"/>            | A                     | <input type="radio"/>            | B                     | <input checked="" type="radio"/> | V                                | <input type="radio"/>            | L                     | <input type="radio"/> | E                     | 37 | <input type="radio"/>            | F | <input type="radio"/>            | C | <input checked="" type="radio"/> | V                     | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 2  | <input type="radio"/>            | A | <input type="radio"/>            | B | <input type="radio"/>            | <input checked="" type="radio"/> | V                     | <input type="radio"/> | F                     | 20                    | <input type="radio"/>            | A                     | <input checked="" type="radio"/> | V                     | <input type="radio"/>            | L                                | <input type="radio"/>            | E                     | 38                    | <input type="radio"/> | B  | <input type="radio"/>            | V | <input checked="" type="radio"/> | D | <input type="radio"/>            | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |                       |
| 3  | <input type="radio"/>            | A | <input type="radio"/>            | B | <input type="radio"/>            | <input checked="" type="radio"/> | V                     | <input type="radio"/> | F                     | 21                    | <input checked="" type="radio"/> | V                     | <input type="radio"/>            | L                     | <input type="radio"/>            | E                                | 39                               | <input type="radio"/> | A                     | <input type="radio"/> | B  | <input checked="" type="radio"/> | V | <input type="radio"/>            | D | <input type="radio"/>            | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |                       |
| 4  | <input type="radio"/>            | A | <input type="radio"/>            | B | <input checked="" type="radio"/> | V                                | <input type="radio"/> | L                     | E                     | 22                    | <input type="radio"/>            | A                     | <input type="radio"/>            | B                     | <input type="radio"/>            | C                                | <input checked="" type="radio"/> | V                     | <input type="radio"/> | F                     | 40 | <input checked="" type="radio"/> | V | <input type="radio"/>            | C | <input type="radio"/>            | D                     | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |                       |
| 5  | <input checked="" type="radio"/> | V | <input type="radio"/>            | B | <input type="radio"/>            | A                                | <input type="radio"/> | L                     | E                     | 23                    | <input checked="" type="radio"/> | V                     | <input type="radio"/>            | B                     | <input type="radio"/>            | C                                | <input type="radio"/>            | D                     | <input type="radio"/> | F                     |    |                                  |   |                                  |   |                                  |                       |                       |                       |                       |                       |
| 6  | <input type="radio"/>            | A | <input type="radio"/>            | B | <input type="radio"/>            | <input checked="" type="radio"/> | V                     | <input type="radio"/> | L                     | 24                    | <input type="radio"/>            | A                     | <input type="radio"/>            | B                     | <input type="radio"/>            | C                                | <input checked="" type="radio"/> | V                     | <input type="radio"/> | F                     |    |                                  |   |                                  |   |                                  |                       |                       |                       |                       |                       |
| 7  | <input type="radio"/>            | A | <input checked="" type="radio"/> | B | <input type="radio"/>            | <input type="radio"/>            | L                     | E                     | 25                    | <input type="radio"/> | A                                | <input type="radio"/> | B                                | <input type="radio"/> | C                                | <input checked="" type="radio"/> | V                                | <input type="radio"/> | F                     |                       |    |                                  |   |                                  |   |                                  |                       |                       |                       |                       |                       |
| 8  | <input type="radio"/>            | A | <input type="radio"/>            | B | <input checked="" type="radio"/> | V                                | <input type="radio"/> | D                     | E                     | 26                    | <input checked="" type="radio"/> | V                     | <input type="radio"/>            | L                     | <input type="radio"/>            | E                                | F                                |                       |                       |                       |    |                                  |   |                                  |   |                                  |                       |                       |                       |                       |                       |
| 9  | <input type="radio"/>            | A | <input type="radio"/>            | B | <input type="radio"/>            | <input checked="" type="radio"/> | V                     | <input type="radio"/> | L                     | 27                    | <input checked="" type="radio"/> | V                     | <input type="radio"/>            | L                     | <input type="radio"/>            | E                                | F                                |                       |                       |                       |    |                                  |   |                                  |   |                                  |                       |                       |                       |                       |                       |
| 10 | <input type="radio"/>            | A | <input type="radio"/>            | B | <input checked="" type="radio"/> | V                                | <input type="radio"/> | D                     | F                     | 28                    | <input type="radio"/>            | A                     | <input type="radio"/>            | B                     | <input type="radio"/>            | C                                | <input checked="" type="radio"/> | V                     | <input type="radio"/> | E                     |    |                                  |   |                                  |   |                                  |                       |                       |                       |                       |                       |
| 11 | <input checked="" type="radio"/> | V | <input type="radio"/>            | B | <input type="radio"/>            | <input type="radio"/>            | L                     | E                     | F                     | 29                    | <input type="radio"/>            | A                     | <input type="radio"/>            | B                     | <input checked="" type="radio"/> | V                                | <input type="radio"/>            | D                     | <input type="radio"/> | E                     |    |                                  |   |                                  |   |                                  |                       |                       |                       |                       |                       |
| 12 | <input type="radio"/>            | A | <input checked="" type="radio"/> | V | <input type="radio"/>            | <input type="radio"/>            | L                     | E                     | F                     | 30                    | <input type="radio"/>            | A                     | <input type="radio"/>            | B                     | <input checked="" type="radio"/> | V                                | <input type="radio"/>            | D                     | <input type="radio"/> | E                     |    |                                  |   |                                  |   |                                  |                       |                       |                       |                       |                       |
| 13 | <input type="radio"/>            | A | <input type="radio"/>            | B | <input type="radio"/>            | <input checked="" type="radio"/> | V                     | <input type="radio"/> | F                     | 31                    | <input type="radio"/>            | A                     | <input checked="" type="radio"/> | V                     | <input type="radio"/>            | L                                | <input type="radio"/>            | E                     |                       |                       |    |                                  |   |                                  |   |                                  |                       |                       |                       |                       |                       |
| 14 | <input type="radio"/>            | A | <input type="radio"/>            | B | <input type="radio"/>            | <input checked="" type="radio"/> | V                     | <input type="radio"/> | F                     | 32                    | <input checked="" type="radio"/> | V                     | <input type="radio"/>            | B                     | <input type="radio"/>            | L                                | <input type="radio"/>            | E                     |                       |                       |    |                                  |   |                                  |   |                                  |                       |                       |                       |                       |                       |
| 15 | <input type="radio"/>            | A | <input checked="" type="radio"/> | V | <input type="radio"/>            | <input type="radio"/>            | C                     | <input type="radio"/> | D                     | E                     | 33                               | <input type="radio"/> | A                                | <input type="radio"/> | B                                | <input type="radio"/>            | <input checked="" type="radio"/> | V                     | <input type="radio"/> | L                     |    |                                  |   |                                  |   |                                  |                       |                       |                       |                       |                       |
| 16 | <input type="radio"/>            | A | <input type="radio"/>            | B | <input type="radio"/>            | <input type="radio"/>            | C                     | <input type="radio"/> | D                     | E                     | 34                               | <input type="radio"/> | A                                | <input type="radio"/> | B                                | <input checked="" type="radio"/> | V                                | <input type="radio"/> | D                     | <input type="radio"/> | F  |                                  |   |                                  |   |                                  |                       |                       |                       |                       |                       |
| 17 | <input type="radio"/>            | A | <input type="radio"/>            | B | <input checked="" type="radio"/> | V                                | <input type="radio"/> | D                     | E                     | 35                    | <input type="radio"/>            | A                     | <input checked="" type="radio"/> | V                     | <input type="radio"/>            | L                                | <input type="radio"/>            | E                     | <input type="radio"/> | F                     |    |                                  |   |                                  |   |                                  |                       |                       |                       |                       |                       |
| 18 | <input checked="" type="radio"/> | V | <input type="radio"/>            | B | <input type="radio"/>            | <input type="radio"/>            | L                     | <input type="radio"/> | E                     | 36                    | <input type="radio"/>            | A                     | <input checked="" type="radio"/> | V                     | <input type="radio"/>            | C                                | <input type="radio"/>            | D                     | <input type="radio"/> | E                     |    |                                  |   |                                  |   |                                  |                       |                       |                       |                       |                       |



**Часть В**

1.

А	Б	В	Г	Д
2	4	1	5	3

2.

1.	Ж
2.	В
3.	А
4.	Е
5.	Д
6.	Г
7.	Б

5.

1.	6
2.	5
3.	1
4.	3
5.	4
6.	2

3.

1.	9
2.	5
3.	6
4.	10
5.	9
6.	1
7.	3
8.	2
9.	8
10.	4

6.

1.	5
2.	1
3.	4
4.	3
5.	11
6.	10
7.	6
8.	7
9.	9
10.	8
11.	2

4.

1.		+	
2.			+
3.	+		
4.		+	
5.	+		
6.		+	
7.			+
8.		+	
9.		+	
10.			+

7.

A.	57
B.	34
C.	6

р. 90 қ. 60

8.

1.	4
2.	8
3.	1
4.	5
5.	2
6.	7
7.	9
8.	6
9.	10
10.	3

9.

1	2	3	4	5	6	7	8	9	10
к	д	б	в	а	ж	з	и	е	г

10. \_\_\_\_\_

11.

1.	Б
2.	Г
3.	В
4.	А
5.	Д

### Часть А

ШИФР (заполняется организатором)

ZIPGRADE.COM

Район 2022 (7683)

- |    |                                    |                                    |                                    |                                    |                         |    |                                    |                                    |                                    |                                    |                         |    |                                    |                                    |                                    |                                    |                         |
|----|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-------------------------|----|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-------------------------|----|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-------------------------|
| 1  | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 19 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 37 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E |
| 2  | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 20 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 38 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |
| 3  | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 21 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 39 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |
| 4  | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 22 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 40 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |
| 5  | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 23 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                                    |                                    |                         |
| 6  | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 24 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                                    |                                    |                         |
| 7  | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 25 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                                    |                                    |                         |
| 8  | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 26 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                                    |                                    |                         |
| 9  | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 27 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E |    |                                    |                                    |                                    |                                    |                         |
| 10 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 28 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                                    |                                    |                         |
| 11 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 29 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                                    |                                    |                         |
| 12 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 30 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                                    |                                    |                         |
| 13 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 31 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                                    |                                    |                         |
| 14 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 32 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                                    |                                    |                         |
| 15 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 33 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                                    |                                    |                         |
| 16 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 34 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                                    |                                    |                         |
| 17 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 35 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E |    |                                    |                                    |                                    |                                    |                         |
| 18 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 36 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                                    |                                    |                         |

Часть В

1.

А	Б	В	Г	Д
4	3	5	2	4

2.

1.	A
2.	B
3.	A
4.	B
5.	E
6.	F
7.	G

5.

1.	6
2.	5
3.	4
4.	4
5.	2
6.	3

3.

1.	2
2.	5
3.	4
4.	3
5.	10
6.	1
7.	2
8.	3
9.	8
10.	5

6.

1.	2
2.	6
3.	10
4.	5
5.	4
6.	8
7.	4
8.	8
9.	3
10.	44
11.	4

4.

1.	+		
2.		+	
3.			+
4.			+
5.	+		
6.		+	
7.	+		
8.			+
9.		+	
10.	+		

7.

A.	150
B.	35
C.	48

Р А 9 С

8.

1.	4
2.	3
3.	3
4.	4
5.	8
6.	6
7.	2
8.	4
9.	10
10.	5

9.

1	2	3	4	5	6	7	8	9	10
В	Ж	А	Б	З	Д	И	К	Г	Е

10. 26

11.

1.	Б
2.	Б
3.	А
4.	Д
5.	Г

### Часть А

ШИФР (заполняется организатором)

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- |    |                                    |                                    |                                    |                                    |                         |    |                                    |                                    |                                    |                                    |                         |    |                                    |                                    |                         |                         |                         |
|----|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-------------------------|----|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-------------------------|----|------------------------------------|------------------------------------|-------------------------|-------------------------|-------------------------|
| 1  | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 19 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 37 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E |
| 2  | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 20 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 38 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E |
| 3  | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 21 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 39 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E |
| 4  | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 22 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 40 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E |
| 5  | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 23 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                         |                         |                         |
| 6  | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 24 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                         |                         |                         |
| 7  | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 25 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E |    |                                    |                                    |                         |                         |                         |
| 8  | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 26 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E |    |                                    |                                    |                         |                         |                         |
| 9  | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 27 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                         |                         |                         |
|    |                                    |                                    |                                    |                                    |                         |    |                                    |                                    |                                    |                                    |                         |    |                                    |                                    |                         |                         |                         |
| 10 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 28 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                         |                         |                         |
| 11 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 29 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                         |                         |                         |
| 12 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 30 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                         |                         |                         |
| 13 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 31 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                         |                         |                         |
| 14 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 32 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                         |                         |                         |
| 15 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 33 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                         |                         |                         |
| 16 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 34 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                         |                         |                         |
| 17 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 35 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                         |                         |                         |
| 18 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 36 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                         |                         |                         |

Район 2022 (7693)

Часть В

1.

А	Б	В	Г	Д
1	3	4	2	5

2.

1.	К
2.	Д
3.	Г
4.	Е
5.	А
6.	В
7.	Б

5.

1.	6
2.	5
3.	1
4.	4
5.	2
6.	3

3.

1.	3
2.	5
3.	8
4.	1
5.	10
6.	9
7.	7
8.	4
9.	2
10.	6

6.

1.	4
2.	11
3.	6
4.	1
5.	2
6.	7
7.	10
8.	9
9.	3
10.	5
11.	8

4.

1.	+		+
2.		+	
3.	+		+
4.		+	
5.		+	
6.		+	
7.	+		+
8.	+		
9.			+
10.	+	+	

7.

А.	Р
В.	9
С.	9

р А қ В, С

8.

1.	4
2.	1
3.	7
4.	6
5.	9
6.	2
7.	8
8.	5
9.	10
10.	3

9.

1	2	3	4	5	6	7	8	9	10
В	Б	Т	А	К	И	Н	З	М	О

10. АуВ, АуС, АуМ, АуК, АуМ, АуС, АуК, КуМ

11.

1.	Б
2.	Г
3.	А
4.	Д
5.	В



Часть А

ШИФР (заполняется организатором)

[Empty box for code]

ZIPGRADE.COM

Район 2022 (7683)

- 1 (A) (B) (C) (D) (E) 19 (A) (B) (C) (D) (E) 37 (A) (B) (C) (D) (E)
- 2 (A) (B) (C) (D) (E) 20 (A) (B) (C) (D) (E) 38 (A) (B) (C) (D) (E)
- 3 (A) (B) (C) (D) (E) 21 (A) (B) (C) (D) (E) 39 (A) (B) (C) (D) (E)
- 4 (A) (B) (C) (D) (E) 22 (A) (B) (C) (D) (E) 40 (A) (B) (C) (D) (E)
- 5 (A) (B) (C) (D) (E) 23 (A) (B) (C) (D) (E)
- 6 (A) (B) (C) (D) (E) 24 (A) (B) (C) (D) (E)
- 7 (A) (B) (C) (D) (E) 25 (A) (B) (C) (D) (E)
- 8 (A) (B) (C) (D) (E) 26 (A) (B) (C) (D) (E)
- 9 (A) (B) (C) (D) (E) 27 (A) (B) (C) (D) (E)
- 10 (A) (B) (C) (D) (E) 28 (A) (B) (C) (D) (E)
- 11 (A) (B) (C) (D) (E) 29 (A) (B) (C) (D) (E)
- 12 (A) (B) (C) (D) (E) 30 (A) (B) (C) (D) (E)
- 13 (A) (B) (C) (D) (E) 31 (A) (B) (C) (D) (E)
- 14 (A) (B) (C) (D) (E) 32 (A) (B) (C) (D) (E)
- 15 (A) (B) (C) (D) (E) 33 (A) (B) (C) (D) (E)
- 16 (A) (B) (C) (D) (E) 34 (A) (B) (C) (D) (E)
- 17 (A) (B) (C) (D) (E) 35 (A) (B) (C) (D) (E)
- 18 (A) (B) (C) (D) (E) 36 (A) (B) (C) (D) (E)

Часть В

1.

А	Б	В	Г	Д
1	3	5	4	2

2.

1.	X
2.	B
3.	A
4.	E
5.	Г
6.	B
7.	A

5.

1.	6
2.	5
3.	1
4.	2
5.	4
6.	3

3.

1.	7
2.	6
3.	8
4.	10
5.	1
6.	2
7.	9
8.	4
9.	6
10.	3

6.

1.	4
2.	3
3.	2
4.	1
5.	9
6.	4
7.	8
8.	10
9.	5
10.	11
11.	6

4.

1.		+	
2.	+		
3.			+
4.	+		
5.		+	
6.	+		
7.		-	
8.		+	
9.	+		
10.			+

7.

A.	114
B.	984
C.	82

р. 45 қ. 25

8.

1.	4
2.	10
3.	1
4.	6
5.	5
6.	2
7.	9
8.	7
9.	8
10.	9

9.

1	2	3	4	5	6	7	8	9	10
К	В	А	И	З	Д	Г	Е	Ж	Б

10. \_\_\_\_\_

11.

1.	А
2.	Б
3.	А
4.	Г
5.	Б

### Часть А

ШИФР (заполняется организатором)

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Район 2022 (7683)

- |    |                                    |                                    |                                    |                                    |                         |    |                                    |                                    |                                    |                                    |                         |    |                                    |                         |                         |                                    |                         |
|----|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-------------------------|----|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-------------------------|----|------------------------------------|-------------------------|-------------------------|------------------------------------|-------------------------|
| 1  | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 19 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 37 | <input checked="" type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |
| 2  | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 20 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 38 | <input checked="" type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |
| 3  | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 21 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 39 | <input checked="" type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |
| 4  | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 22 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 40 | <input type="radio"/> A            | <input type="radio"/> B | <input type="radio"/> C | <input checked="" type="radio"/> D | <input type="radio"/> E |
| 5  | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 23 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E |    |                                    |                         |                         |                                    |                         |
| 6  | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 24 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                         |                                    |                         |
| 7  | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 25 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                         |                                    |                         |
| 8  | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 26 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                         |                                    |                         |
| 9  | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 27 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                         |                                    |                         |
|    |                                    |                                    |                                    |                                    |                         |    |                                    |                                    |                                    |                                    |                         |    |                                    |                         |                         |                                    |                         |
| 10 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 28 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                         |                                    |                         |
| 11 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 29 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                         |                                    |                         |
| 12 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 30 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                         |                                    |                         |
| 13 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 31 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                         |                                    |                         |
| 14 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 32 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                         |                                    |                         |
| 15 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 33 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                         |                                    |                         |
| 16 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 34 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                         |                                    |                         |
| 17 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 35 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                         |                                    |                         |
| 18 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 36 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                         |                                    |                         |

Часть В

1.

А	Б	В	Г	Д
2	3	5	1	4

2.

1.	Е
2.	Д
3.	Ж
4.	А
5.	Б
6.	В
7.	Г

5.

1.	5
2.	6
3.	4
4.	1
5.	3
6.	2

3.

1.	2
2.	5
3.	7
4.	8
5.	9
6.	10
7.	3
8.	8
9.	10
10.	1

6.

1.	8
2.	7
3.	4
4.	1
5.	6
6.	3
7.	5
8.	9
9.	11
10.	10
11.	2

4.

1.			+
2.		+	
3.	+		
4.	+		
5.		+	
6.	+		
7.			+
8.		+	
9.	+		
10.			+

7.

A.	2
B.	2
C.	3

р \_\_\_\_\_ а \_\_\_\_\_

8.

1.	6
2.	9
3.	5
4.	7
5.	2
6.	10
7.	8
8.	3
9.	4
10.	1

9.

1	2	3	4	5	6	7	8	9	10
и	ж	б	е	а	з	к	в	д	г

10. Визнак - 01

11.

1.	G
2.	D
3.	A
4.	B
5.	M

### Часть А

ШИФР (заполняется организатором)

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- |    |                                    |                                    |                                    |                                    |                         |    |                                    |                                    |                                    |                                    |                         |    |                                    |                         |                                    |                                    |                         |
|----|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-------------------------|----|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-------------------------|----|------------------------------------|-------------------------|------------------------------------|------------------------------------|-------------------------|
| 1  | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 19 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 37 | <input type="radio"/> A            | <input type="radio"/> B | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |
| 2  | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 20 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 38 | <input type="radio"/> A            | <input type="radio"/> B | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |
| 3  | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 21 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 39 | <input checked="" type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |
| 4  | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 22 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 40 | <input type="radio"/> A            | <input type="radio"/> B | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E |
| 5  | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 23 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                                    |                                    |                         |
| 6  | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 24 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                                    |                                    |                         |
| 7  | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 25 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                                    |                                    |                         |
| 8  | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 26 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                                    |                                    |                         |
| 9  | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 27 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                                    |                                    |                         |
| 10 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 28 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                                    |                                    |                         |
| 11 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 29 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                                    |                                    |                         |
| 12 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 30 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                                    |                                    |                         |
| 13 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 31 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E |    |                                    |                         |                                    |                                    |                         |
| 14 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 32 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                                    |                                    |                         |
| 15 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 33 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                                    |                                    |                         |
| 16 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 34 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                                    |                                    |                         |
| 17 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 35 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                                    |                                    |                         |
| 18 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 36 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E |    |                                    |                         |                                    |                                    |                         |

Часть В

1.

А	Б	В	Г	Д
1	3	4	2	5

2.

1.	Ж
2.	А
3.	Г
4.	Е
5.	Б
6.	В
7.	Б

5.

1.	5
2.	3
3.	1
4.	6
5.	4
6.	2

3.

1.	5
2.	3
3.	7
4.	1
5.	9
6.	8
7.	2
8.	10
9.	8
10.	4

6.

1.	5
2.	4
3.	9
4.	3
5.	1
6.	2
7.	8
8.	10
9.	6
10.	11
11.	7

4.

1.	+		
2.			+
3.		В	
4.	+		
5.		+	
6.		+	
7.			+
8.	+		
9.	+		
10.		+	

7.

А.	5
В.	2
С.	1



р \_\_\_\_\_ қ \_\_\_\_\_

8.

1.	1
2.	6
3.	5
4.	7
5.	2
6.	10
7.	3
8.	8
9.	4
10.	9

9.

1	2	3	4	5	6	7	8	9	10
Г	А	В	К	М	Е	К	В	В	Б

10. \_\_\_\_\_

11.

1.	Г
2.	А
3.	В
4.	Б
5.	Д

Часть А

ШИОР (заполняется организатором)

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- 1  A  B  C  D  E 19  A  B  C  D  E 37  A  B  C  D  E
- 2  A  B  C  D  E 20  A  B  C  D  E 38  A  B  C  D  E
- 3  A  B  C  D  E 21  A  B  C  D  E 39  A  B  C  D  E
- 4  A  B  C  D  E 22  A  B  C  D  E 40  A  B  C  D  E
- 5  A  B  C  D  E 23  A  B  C  D  E
- 6  A  B  C  D  E 24  A  B  C  D  E
- 7  A  B  C  D  E 25  A  B  C  D  E
- 8  A  B  C  D  E 26  A  B  C  D  E
- 9  A  B  C  D  E 27  A  B  C  D  E
- 10  A  B  C  D  E 28  A  B  C  D  E
- 11  A  B  C  D  E 29  A  B  C  D  E
- 12  A  B  C  D  E 30  A  B  C  D  E
- 13  A  B  C  D  E 31  A  B  C  D  E
- 14  A  B  C  D  E 32  A  B  C  D  E
- 15  A  B  C  D  E 33  A  B  C  D  E
- 16  A  B  C  D  E 34  A  B  C  D  E
- 17  A  B  C  D  E 35  A  B  C  D  E
- 18  A  B  C  D  E 36  A  B  C  D  E

Часть В

1.

А	Б	В	Г	Д
0	3	2	1	5

2.

1.	М
2.	Д
3.	Г
4.	Е
5.	А
6.	В
7.	Б

5.

1.	9
2.	6
3.	1
4.	2
5.	3
6.	4

3.

1.	1
2.	7
3.	6
4.	4
5.	3
6.	8
7.	9
8.	2
9.	5
10.	4

6.

1.	8
2.	3
3.	9
4.	5
5.	7
6.	1
7.	6
8.	10
9.	4
10.	11
11.	2

4.

1.		+	
2.	+		
3.		+	
4.			+
5.		+	
6.	+		
7.		+	
8.	+		
9.			+
10.	+		

7.

A.
B.
C.

Р \_\_\_\_\_ Ұ \_\_\_\_\_

8.

1.	4
2.	10
3.	1
4.	6
5.	5
6.	8
7.	9
8.	7
9.	2
10.	3

9.

1	2	3	4	5	6	7	8	9	10
Г	В	А	И	З	Д	К	Е	Ж	Е

10. А, В, И, С, К

11.

1.	Г
2.	А
3.	Д
4.	В
5.	В

Часть А

ШИФР (заполняется организатором)

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Район 2022 (7683)

- 1 (A) (B) (C) (D) (E) 19 (A) (B) (C) (D) (E) 37 (A) (B) (C) (D) (E)
- 2 (A) (B) (C) (D) (E) 20 (A) (B) (C) (D) (E) 38 (A) (B) (C) (D) (E)
- 3 (A) (B) (C) (D) (E) 21 (A) (B) (C) (D) (E) 39 (A) (B) (C) (D) (E)
- 4 (A) (B) (C) (D) (E) 22 (A) (B) (C) (D) (E) 40 (A) (B) (C) (D) (E)
- 5 (A) (B) (C) (D) (E) 23 (A) (B) (C) (D) (E)
- 6 (A) (B) (C) (D) (E) 24 (A) (B) (C) (D) (E)
- 7 (A) (B) (C) (D) (E) 25 (A) (B) (C) (D) (E)
- 8 (A) (B) (C) (D) (E) 26 (A) (B) (C) (D) (E)
- 9 (A) (B) (C) (D) (E) 27 (A) (B) (C) (D) (E)
- 10 (A) (B) (C) (D) (E) 28 (A) (B) (C) (D) (E)
- 11 (A) (B) (C) (D) (E) 29 (A) (B) (C) (D) (E)
- 12 (A) (B) (C) (D) (E) 30 (A) (B) (C) (D) (E)
- 13 (A) (B) (C) (D) (E) 31 (A) (B) (C) (D) (E)
- 14 (A) (B) (C) (D) (E) 32 (A) (B) (C) (D) (E)
- 15 (A) (B) (C) (D) (E) 33 (A) (B) (C) (D) (E)
- 16 (A) (B) (C) (D) (E) 34 (A) (B) (C) (D) (E)
- 17 (A) (B) (C) (D) (E) 35 (A) (B) (C) (D) (E)
- 18 (A) (B) (C) (D) (E) 36 (A) (B) (C) (D) (E)

Часть В

1.

А	Б	В	Г	Д
3	1	5	2	4

2.

1.	Ж
2.	Д
3.	В
4.	Г
5.	А
6.	Б
7.	Е

5.

1.	6
2.	5
3.	1
4.	2
5.	4
6.	3

3.

1.	5
2.	4
3.	8
4.	1
5.	2
6.	4
7.	9
8.	10
9.	6
10.	8

6.

1.	9
2.	3
3.	5
4.	1
5.	6
6.	2
7.	4
8.	11
9.	4
10.	3
11.	10

4.

1.	+		
2.			+
3.		+	
4.		+	
5.	+		
6.			+
7.	+		
8.		+	
9.	+		
10.			+

7.

А.	1
В.	5
С.	2



р 5 қ 1

8.

1.	4
2.	3
3.	1
4.	06
5.	5
6.	2
7.	8
8.	9
9.	10
10.	4

9.

1	2	3	4	5	6	7	8	9	10
В	Г	А	Е	З	Г	К	Б	Ж	Д

10. \_\_\_\_\_

11.

1.	Г
2.	А
3.	Д
4.	Б
5.	Б

### Часть А

ШИФР (заполняется организатором)

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- |    |                                    |                                    |                                    |                                    |                         |    |                                    |                                    |                                    |                                    |                         |    |                                    |                                    |                         |                                    |                         |
|----|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-------------------------|----|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-------------------------|----|------------------------------------|------------------------------------|-------------------------|------------------------------------|-------------------------|
| 1  | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 19 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 37 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C | <input checked="" type="radio"/> D | <input type="radio"/> E |
| 2  | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 20 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 38 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |
| 3  | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 21 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 39 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |
| 4  | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 22 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 40 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |
| 5  | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 23 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                         |                                    |                         |
| 6  | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 24 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                         |                                    |                         |
| 7  | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 25 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E |    |                                    |                                    |                         |                                    |                         |
| 8  | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 26 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                         |                                    |                         |
| 9  | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 27 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E |    |                                    |                                    |                         |                                    |                         |
| 10 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 28 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                         |                                    |                         |
| 11 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 29 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E |    |                                    |                                    |                         |                                    |                         |
| 12 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 30 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                         |                                    |                         |
| 13 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 31 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                         |                                    |                         |
| 14 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 32 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                         |                                    |                         |
| 15 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 33 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                         |                                    |                         |
| 16 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 34 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E |    |                                    |                                    |                         |                                    |                         |
| 17 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 35 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                         |                                    |                         |
| 18 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 36 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                         |                                    |                         |



Часть В

1.

А	Б	В	Г	Д
ені	сыр	§	4	5)

2.

1.	D
2.	AK
3.	Ж
4.	F
5.	A
6.	F
7.	B

5.

1.	5
2.	8
3.	1
4.	2
5.	4
6.	3

3.

1.	3
2.	5
3.	2
4.	7
5.	9
6.	4
7.	10
8.	8
9.	1
10.	0

6.

1.	4
2.	3
3.	2
4.	7
5.	9
6.	1
7.	8
8.	10
9.	6
10.	11
11.	5

4.

1.		+	+
2.	+	+	
3.	+	+	+
4.	+	+	
5.	+		
6.		+	
7.	+	+	+
8.		+	+
9.		+	
10.	+		+

7.

A.	9
B.	P
C.	P

Р. С. Я. А.

8.

1.	1
2.	9
3.	6
4.	4
5.	8
6.	2
7.	10
8.	5
9.	7
10.	3

9.

1	2	3	4	5	6	7	8	9	10
Б	Ж	З	И	А	О	Г	М	К	Е

10. 1) А және К / 2) А және С / 3) А және Д / 4) А және К / 5) Б және С / 6) А және Д / 7) Б және К / 8) К және Д .

11.

1.	А
2.	Б
3.	Д
4.	З
5.	Е

### Часть А

ШИФР (заполняется организатором)

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Район 2022 (7683)

- |    |   |   |   |   |   |    |   |   |   |   |   |    |   |   |   |   |   |
|----|---|---|---|---|---|----|---|---|---|---|---|----|---|---|---|---|---|
| 1  | A | B | C | D | E | 19 | A | B | C | D | E | 37 | A | B | C | D | E |
| 2  | A | B | C | D | E | 20 | A | B | C | D | E | 38 | A | B | C | D | E |
| 3  | A | B | C | D | E | 21 | A | B | C | D | E | 39 | A | B | C | D | E |
| 4  | A | B | C | D | E | 22 | A | B | C | D | E | 40 | A | B | C | D | E |
| 5  | A | B | C | D | E | 23 | A | B | C | D | E |    |   |   |   |   |   |
| 6  | A | B | C | D | E | 24 | A | B | C | D | E |    |   |   |   |   |   |
| 7  | A | B | C | D | E | 25 | A | B | C | D | E |    |   |   |   |   |   |
| 8  | A | B | C | D | E | 26 | A | B | C | D | E |    |   |   |   |   |   |
| 9  | A | B | C | D | E | 27 | A | B | C | D | E |    |   |   |   |   |   |
| 10 | A | B | C | D | E | 28 | A | B | C | D | E |    |   |   |   |   |   |
| 11 | A | B | C | D | E | 29 | A | B | C | D | E |    |   |   |   |   |   |
| 12 | A | B | C | D | E | 30 | A | B | C | D | E |    |   |   |   |   |   |
| 13 | A | B | C | D | E | 31 | A | B | C | D | E |    |   |   |   |   |   |
| 14 | A | B | C | D | E | 32 | A | B | C | D | E |    |   |   |   |   |   |
| 15 | A | B | C | D | E | 33 | A | B | C | D | E |    |   |   |   |   |   |
| 16 | A | B | C | D | E | 34 | A | B | C | D | E |    |   |   |   |   |   |
| 17 | A | B | C | D | E | 35 | A | B | C | D | E |    |   |   |   |   |   |
| 18 | A | B | C | D | E | 36 | A | B | C | D | E |    |   |   |   |   |   |

Часть В

1.

А	Б	В	Г	Д
2	3	5	1	4

2.

1.	Ж
2.	Б
3.	Е
4.	Д
5.	Г
6.	А
7.	В

5.

1.	6
2.	5
3.	1
4.	2
5.	4
6.	3

3.

1.	9
2.	20
3.	2
4.	3
5.	4
6.	10
7.	8
8.	5
9.	11
10.	7

6.

1.	8
2.	3
3.	4
4.	1
5.	10
6.	7
7.	6
8.	9
9.	8 5
10.	11
11.	2

4.

1.	-	+	
2.		+	
3.			+
4.			+
5.	+	+	
6.		+	
7.	+		+
8.	+		
9.		+	
10.	+		-

7.

A.	103
B.	63
C.	3

р А ч Е

8.

1.	4
2.	3
3.	1
4.	6
5.	5
6.	2
7.	10
8.	7
9.	8
10.	9

9.

1	2	3	4	5	6	7	8	9	10
S	B	2	4	A	5	Г	K	K	F

10. \_\_\_\_\_

11.

1.	Б
2.	A
3.	В
4.	Г
5.	С

### Часть А

ШИФР (заполняется организатором)

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Район 2022 (7683)

- |    |                                    |                                    |                                    |                                    |                         |    |                                    |                                    |                                    |                                    |                         |    |                                    |                                    |                                    |                                    |                         |
|----|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-------------------------|----|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-------------------------|----|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-------------------------|
| 1  | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 19 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 37 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E |
| 2  | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 20 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 38 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |
| 3  | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 21 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 39 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |
| 4  | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 22 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 40 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |
| 5  | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 23 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                                    |                                    |                         |
| 6  | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 24 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                                    |                                    |                         |
| 7  | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 25 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E |    |                                    |                                    |                                    |                                    |                         |
| 8  | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 26 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                                    |                                    |                         |
| 9  | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 27 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                                    |                                    |                         |
| 10 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 28 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                                    |                                    |                         |
| 11 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 29 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                                    |                                    |                         |
| 12 | <input checked="" type="radio"/> A | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 30 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                                    |                                    |                         |
| 13 | <input checked="" type="radio"/> A | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 31 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                                    |                                    |                         |
| 14 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 32 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                                    |                                    |                         |
| 15 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 33 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                                    |                                    |                         |
| 16 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 34 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E |    |                                    |                                    |                                    |                                    |                         |
| 17 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 35 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                                    |                                    |                         |
| 18 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 36 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                                    |                                    |                         |



Часть В

1.

А	Б	В	Г	Д
4	3	2	5	1

2.

1.	15LD
2.	Б
3.	Г
4.	В
5.	200
6.	Е
7.	А

5.

1.	2
2.	4
3.	1
4.	6
5.	3
6.	5

3.

1.	4
2.	2
3.	8
4.	9
5.	10
6.	5
7.	6
8.	1(5)15
9.	7
10.	8

6.

1.	4
2.	5
3.	10
4.	8
5.	3
6.	9
7.	11
8.	6
9.	1
10.	7
11.	2

4.

1.		+	
2.			+
3.			+
4.	+		
5.			+
6.	+		
7.		+	
8.		+	
9.	+		
10.		+	

7.

А.	1
В.	3
С.	2

р 3 қ 1

8.

1.	4
2.	6
3.	1
4.	3
5.	10
6.	18,9
7.	7
8.	2
9.	5
10.	8

9.

1	2	3	4	5	6	7	8	9	10
E	3	A	B	B	F	X	N	D	K

10. C, K, B, M, A

11.

1.	B
2.	D
3.	A
4.	F
5.	B



Часть А

ШИФР (заполняется организатором)

[Empty box for code]

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Район 2022 (7683)

1 (A) (B) (C) (D) (E) 19 (A) (B) (C) (D) (E) 37 (A) (B) (C) (D) (E)

2 (A) (B) (C) (D) (E) 20 (A) (B) (C) (D) (E) 38 (A) (B) (C) (D) (E)

3 (A) (B) (C) (D) (E) 21 (A) (B) (C) (D) (E) 39 (A) (B) (C) (D) (E)

4 (A) (B) (C) (D) (E) 22 (A) (B) (C) (D) (E) 40 (A) (B) (C) (D) (E)

5 (A) (B) (C) (D) (E) 23 (A) (B) (C) (D) (E)

6 (A) (B) (C) (D) (E) 24 (A) (B) (C) (D) (E)

7 (A) (B) (C) (D) (E) 25 (A) (B) (C) (D) (E)

8 (A) (B) (C) (D) (E) 26 (A) (B) (C) (D) (E)

9 (A) (B) (C) (D) (E) 27 (A) (B) (C) (D) (E)

10 (A) (B) (C) (D) (E) 28 (A) (B) (C) (D) (E)

11 (A) (B) (C) (D) (E) 29 (A) (B) (C) (D) (E)

12 (A) (B) (C) (D) (E) 30 (A) (B) (C) (D) (E)

13 (A) (B) (C) (D) (E) 31 (A) (B) (C) (D) (E)

14 (A) (B) (C) (D) (E) 32 (A) (B) (C) (D) (E)

15 (A) (B) (C) (D) (E) 33 (A) (B) (C) (D) (E)

16 (A) (B) (C) (D) (E) 34 (A) (B) (C) (D) (E)

17 (A) (B) (C) (D) (E) 35 (A) (B) (C) (D) (E)

18 (A) (B) (C) (D) (E) 36 (A) (B) (C) (D) (E)

**Часть В**

1.

А	Б	В	Г	Д
4	2	1	5	3

2.

1.	Ж
2.	Б
3.	Г
4.	А
5.	В
6.	Г
7.	Д

5.

1.	8
2.	5
3.	1
4.	2
5.	4
6.	3

3.

1.	3
2.	4
3.	8
4.	9
5.	10
6.	7
7.	6
8.	1
9.	5
10.	2

6.

1.	8
2.	3
3.	7
4.	1
5.	6
6.	5
7.	2
8.	11
9.	4
10.	9
11.	10

4.

1.		+	
2.	+		
3.			+
4.	+		
5.		+	
6.			+
7.			+
8.		+	
9.	+		
10.			+

7.

A. 2
B. 5
C. 1

р а з а 9 д а с

8.

1.	6
2.	4
3.	1
4.	10
5.	8
6.	2
7.	5
8.	9
9.	3
10.	7

9.

1	2	3	4	5	6	7	8	9	10
Б	И	П	Ж	К	В	З	Д	Е	А

10. 12465738

11.

1.	Д
2.	В
3.	А
4.	Г
5.	Б

### Часть А

ШИФР (заполняется организатором)

ZIPGRADE.COM

- |   |                                    |                                    |                                    |                                    |                         |    |                         |                                    |                                    |                                    |                         |    |                                    |                         |                                    |                                    |                         |
|---|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-------------------------|----|-------------------------|------------------------------------|------------------------------------|------------------------------------|-------------------------|----|------------------------------------|-------------------------|------------------------------------|------------------------------------|-------------------------|
| 1 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 19 | <input type="radio"/> A | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 37 | <input type="radio"/> A            | <input type="radio"/> B | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E |
| 2 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 20 | <input type="radio"/> A | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 38 | <input checked="" type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |
| 3 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 21 | <input type="radio"/> A | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 39 | <input checked="" type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |
| 4 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 22 | <input type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 40 | <input type="radio"/> A            | <input type="radio"/> B | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |
| 5 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 23 | <input type="radio"/> A | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                                    |                                    |                         |
| 6 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 24 | <input type="radio"/> A | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                                    |                                    |                         |
| 7 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 25 | <input type="radio"/> A | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                                    |                                    |                         |
| 8 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 26 | <input type="radio"/> A | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                                    |                                    |                         |
| 9 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 27 | <input type="radio"/> A | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                                    |                                    |                         |

Район 2022 (7683)



- |    |                                    |                                    |                                    |                                    |                         |    |                                    |                                    |                                    |                                    |                         |
|----|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-------------------------|----|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-------------------------|
| 10 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 28 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |
| 11 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 29 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E |
| 12 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 30 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E |
| 13 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 31 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |
| 14 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 32 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |
| 15 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 33 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E |
| 16 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 34 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |
| 17 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 35 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |
| 18 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 36 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |

Часть В

1.

А	Б	В	Г	Д
1	3	4	2	5

2.

1.	ЖЕ
2.	Б
3.	В
4.	А
5.	Г
6.	Е
7.	А

5.

1.	5
2.	8
3.	1
4.	2
5.	4
6.	3

3.

1.	9
2.	2
3.	8
4.	10
5.	1
6.	3
7.	0
8.	4
9.	6
10.	5

6.

1.	10
2.	3
3.	4
4.	7
5.	5
6.	8
7.	9
8.	1
9.	2
10.	6
11.	11

4.

1.			+
2.	+		
3.		+	
4.	+		
5.			+
6.		+	
7.			+
8.	+		
9.		+	
10.	+		

7.

A.	114
B.	24
C.	12

р. 60 а. 40

8.

1.	6
2.	9
3.	1
4.	4
5.	8
6.	2
7.	7
8.	5
9.	10
10.	3

9.

1	2	3	4	5	6	7	8	9	10
Г	В	А	Б	З	Д	Ж	Е	И	К

10. \_\_\_\_\_

11.

1.	9
2.	Г
3.	А
4.	В
5.	Б

Часть А

ШИФР (заполняется организатором)

[Empty box for code]

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- |    |   |   |   |   |   |    |   |   |   |   |   |    |   |   |   |   |   |
|----|---|---|---|---|---|----|---|---|---|---|---|----|---|---|---|---|---|
| 1  | A | B | C | D | E | 19 | A | B | C | D | E | 37 | A | B | C | D | E |
| 2  | A | B | C | D | E | 20 | A | B | C | D | E | 38 | A | B | C | D | E |
| 3  | A | B | C | D | E | 21 | A | B | C | D | E | 39 | A | B | C | D | E |
| 4  | A | B | C | D | E | 22 | A | B | C | D | E | 40 | A | B | C | D | E |
| 5  | A | B | C | D | E | 23 | A | B | C | D | E |    |   |   |   |   |   |
| 6  | A | B | C | D | E | 24 | A | B | C | D | E |    |   |   |   |   |   |
| 7  | A | B | C | D | E | 25 | A | B | C | D | E |    |   |   |   |   |   |
| 8  | A | B | C | D | E | 26 | A | B | C | D | E |    |   |   |   |   |   |
| 9  | A | B | C | D | E | 27 | A | B | C | D | E |    |   |   |   |   |   |
| 10 | A | B | C | D | E | 28 | A | B | C | D | E |    |   |   |   |   |   |
| 11 | A | B | C | D | E | 29 | A | B | C | D | E |    |   |   |   |   |   |
| 12 | A | B | C | D | E | 30 | A | B | C | D | E |    |   |   |   |   |   |
| 13 | A | B | C | D | E | 31 | A | B | C | D | E |    |   |   |   |   |   |
| 14 | A | B | C | D | E | 32 | A | B | C | D | E |    |   |   |   |   |   |
| 15 | A | B | C | D | E | 33 | A | B | C | D | E |    |   |   |   |   |   |
| 16 | A | B | C | D | E | 34 | A | B | C | D | E |    |   |   |   |   |   |
| 17 | A | B | C | D | E | 35 | A | B | C | D | E |    |   |   |   |   |   |
| 18 | A | B | C | D | E | 36 | A | B | C | D | E |    |   |   |   |   |   |

Район 2022 (7683)

Часть В

1.

А	Б	В	Г	Д
1	2	4	5	3

2.

1.	ДР
2.	2
3.	А
4.	Г
5.	С
6.	5
7.	В

5.

1.	6
2.	5
3.	1
4.	2
5.	4
6.	3

3.

1.	7
2.	9
3.	8
4.	7
5.	<del>8</del> 10
6.	4
7.	2
8.	5
9.	6
10.	3

6.

1.	8
2.	2
3.	4
4.	<del>8</del> 7
5.	9
6.	6
7.	3
8.	11
9.	5
10.	10
11.	1

4.

1.	-	+	-
2.	-	-	+
3.	-	-	+
4.	+	-	-
5.	+	+	-
6.	-	-	-
7.	+	+	-
8.	+	-	+
9.	-	-	-
10.	-	-	-

7.

А.	
В.	
С.	12



p \_\_\_\_\_ q \_\_\_\_\_

8.

1.	3
2.	2
3.	4
4.	1
5.	6
6.	10
7.	2'
8.	5
9.	9
10.	8

9.

1	2	3	4	5	6	7	8	9	10
Ж	Х	К	Е	З	А	И	Б	Д	В

10. \_\_\_\_\_

11.

1.	С
2.	А
3.	Г
4.	В
5.	Б

Часть А

ШИФР (заполняется организатором)

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ZIPGRADE.COM

- 1 (A) (B) (C) (D) (E) 19 (A) (B) (C) (D) (E) 37 (A) (B) (C) (D) (E)
- 2 (A) (B) (C) (D) (E) 20 (A) (B) (C) (D) (E) 38 (A) (B) (C) (D) (E)
- 3 (A) (B) (C) (D) (E) 21 (A) (B) (C) (D) (E) 39 (A) (B) (C) (D) (E)
- 4 (A) (B) (C) (D) (E) 22 (A) (B) (C) (D) (E) 40 (A) (B) (C) (D) (E)
- 5 (A) (B) (C) (D) (E) 23 (A) (B) (C) (D) (E)
- 6 (A) (B) (C) (D) (E) 24 (A) (B) (C) (D) (E)
- 7 (A) (B) (C) (D) (E) 25 (A) (B) (C) (D) (E)
- 8 (A) (B) (C) (D) (E) 26 (A) (B) (C) (D) (E)
- 9 (A) (B) (C) (D) (E) 27 (A) (B) (C) (D) (E)

Район 2022 (7683)



- 10 (A) (B) (C) (D) (E) 28 (A) (B) (C) (D) (E)
- 11 (A) (B) (C) (D) (E) 29 (A) (B) (C) (D) (E)
- 12 (A) (B) (C) (D) (E) 30 (A) (B) (C) (D) (E)
- 13 (A) (B) (C) (D) (E) 31 (A) (B) (C) (D) (E)
- 14 (A) (B) (C) (D) (E) 32 (A) (B) (C) (D) (E)
- 15 (A) (B) (C) (D) (E) 33 (A) (B) (C) (D) (E)
- 16 (A) (B) (C) (D) (E) 34 (A) (B) (C) (D) (E)
- 17 (A) (B) (C) (D) (E) 35 (A) (B) (C) (D) (E)
- 18 (A) (B) (C) (D) (E) 36 (A) (B) (C) (D) (E)

Часть В

1.

А	Б	В	Г	Д
2	4	1	5	3

2.

1.	20
2.	2
3.	0
4.	8
5.	7
6.	15
7.	4

5.

1.	6
2.	5
3.	1
4.	2
5.	4
6.	3

3.

1.	9
2.	11
3.	8
4.	
5.	2
6.	2
7.	9
8.	10
9.	6
10.	1

6.

1.	9
2.	6
3.	2
4.	5
5.	9
6.	3
7.	6
8.	10
9.	7
10.	11
11.	4

4.

1.	+	+	-
2.	-	+	+
3.	-	-	+
4.	-	+	+
5.	+	-	-
6.	+	-	-
7.	-	+	+
8.	+	+	+
9.	-	-	+
10.	+	+	-

7.

A.	114
B.	94
C.	12

р 1 қ 5

8.

1.	4
2.	10
3.	1
4.	6
5.	8
6.	2
7.	3'
8.	$\frac{1}{2}$
9.	9
10.	5

9.

1	2	3	4	5	6	7	8	9	10
А	В	Б	К	З	Д	4	Ж	Е	Г

10. \_\_\_\_\_

11.

1.	Б
2.	Д
3.	Г
4.	Е
5.	Ж

[Empty box for score]

### Часть А

ШИФР (заполняется организатором)

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ZIPGRADE.COM

Район 2022 (7683)

- 1  A  B  C  D  E 19  A  B  C  D  E 37  A  B  C  D  E
- 2  A  B  C  D  E 20  A  B  C  D  E 38  A  B  C  D  E
- 3  A  B  C  D  E 21  A  B  C  D  E 39  A  B  C  D  E
- 4  A  B  C  D  E 22  A  B  C  D  E 40  A  B  C  D  E
- 5  A  B  C  D  E 23  A  B  C  D  E
- 6  A  B  C  D  E 24  A  B  C  D  E
- 7  A  B  C  D  E 25  A  B  C  D  E
- 8  A  B  C  D  E 26  A  B  C  D  E
- 9  A  B  C  D  E 27  A  B  C  D  E
- 10  A  B  C  D  E 28  A  B  C  D  E
- 11  A  B  C  D  E 29  A  B  C  D  E
- 12  A  B  C  D  E 30  A  B  C  D  E
- 13  A  B  C  D  E 31  A  B  C  D  E
- 14  A  B  C  D  E 32  A  B  C  D  E
- 15  A  B  C  D  E 33  A  B  C  D  E
- 16  A  B  C  D  E 34  A  B  C  D  E
- 17  A  B  C  D  E 35  A  B  C  D  E
- 18  A  B  C  D  E 36  A  B  C  D  E

Часть В

1.

А	Б	В	Г	Д
1	2	4	5	3

2.

1.	А
2.	В
3.	Г
4.	Е
5.	И
6.	В
7.	А

5.

1.	2
2.	3
3.	4
4.	6
5.	7
6.	1

3.

1.	8
2.	5
3.	6
4.	7
5.	1
6.	2
7.	5
8.	4
9.	9
10.	10

6.

1.	6
2.	5
3.	3
4.	1
5.	2
6.	7
7.	11
8.	9
9.	8
10.	11
11.	10

4.

1.	+	-	-
2.	-	+	+
3.	-	+	-
4.	+	-	+
5.	-	-	-
6.	-	+	+
7.	+	-	-
8.	+	+	-
9.	-	-	+
10.	+	-	+

7.

A	111
B	14
C	0,12

Р \_\_\_\_\_ Я \_\_\_\_\_

8.

1.	7
2.	5
3.	6
4.	10 8
5.	4
6.	2
7.	3
8.	1
9.	10
10.	9

9.

1	2	3	4	5	6	7	8	9	10
А	Б	В	Г	Д	Е	Ж	З	И	К

10. АВАСВСВМКМ

11.

1.	А
2.	Б
3.	Г
4.	В
5.	Д

[Empty box for score]

### Часть А

ШИФР (заполняется организатором)

[Empty box for key]

ZIPGRADE.COM

- 1  A  B  C  D  E 19  A  B  C  D  E 37  A  B  C  D  E
- 2  A  B  C  D  E 20  A  B  C  D  E 38  A  B  C  D  E
- 3  A  B  C  D  E 21  A  B  C  D  E 39  A  B  C  D  E
- 4  A  B  C  D  E 22  A  B  C  D  E 40  A  B  C  D  E
- 5  A  B  C  D  E 23  A  B  C  D  E
- 6  A  B  C  D  E 24  A  B  C  D  E
- 7  A  B  C  D  E 25  A  B  C  D  E
- 8  A  B  C  D  E 26  A  B  C  D  E
- 9  A  B  C  D  E 27  A  B  C  D  E
- 10  A  B  C  D  E 28  A  B  C  D  E
- 11  A  B  C  D  E 29  A  B  C  D  E
- 12  A  B  C  D  E 30  A  B  C  D  E
- 13  A  B  C  D  E 31  A  B  C  D  E
- 14  A  B  C  D  E 32  A  B  C  D  E
- 15  A  B  C  D  E 33  A  B  C  D  E
- 16  A  B  C  D  E 34  A  B  C  D  E
- 17  A  B  C  D  E 35  A  B  C  D  E
- 18  A  B  C  D  E 36  A  B  C  D  E

Район 2022 (7683)



Часть В

1.

А.	Б.	В.	Г.	Д.
1	2	4	3	5

2.

1.	Ж
2.	Б
3.	А
4.	Е
5.	В
6.	Г
7.	Д

5.

1.	6
2.	5
3.	1
4.	2
5.	4
6.	3

3.

1.	7
2.	5
3.	6
4.	2
5.	8
6.	9
7.	10
8.	1
9.	4
10.	3

6.

1.	1
2.	7
3.	2
4.	5
5.	11
6.	6
7.	3
8.	10
9.	8
10.	9
11.	4

4.

1.	+		
2.		+	
3.			+
4.	+		
5.		+	
6.			+
7.			+
8.	+		
9.			+
10.		+	

7.

А.	0,570
В.	0,740
С.	0,300

--

р В қ б

8.

1.	4
2.	10
3.	1
4.	6
5.	4
6.	2
7.	3
8.	9
9.	5
10.	8

9.

1	2	3	4	5	6	7	8	9	10
В	Е	З	Ж	И	А	Б	В	Г	К

10. 3%, 4%, 5%, 6%, 7%, 8%, 9%, 14%

11.

1	Б
2	Д
3	А
4	В
5	Г

Часть А

ШИФР (заполняется организатором)

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ZIPGRADE.COM

Район 2022 (7683)

- 1.  B  C  D  E 19.  A  B  C  D 37.  B  C  D  E
- 2.  A  B  C  D 20.  A  B  C  D 38.  B  C  D  E
- 3.  A  B  C  D 21.  A  B  C  D 39.  A  B  C  D
- 4.  A  B  C  D 22.  A  B  C  D 40.  B  C  D  E
- 5.  B  C  D  E 23.  B  C  D  E
- 6.  A  B  C  D 24.  A  B  C  D
- 7.  A  B  C  D 25.  B  C  D  E
- 8.  A  B  C  D 26.  A  B  C  D
- 9.  B  C  D 27.  A  B  C  D
- 10.  B  C  D 28.  B  C  D
- 11.  B  C  D 29.  B  C  D
- 12.  A  B  C 30.  A  B  C
- 13.  A  B  C 31.  A  B  C
- 14.  B  C  D 32.  A  B  C  D
- 15.  B  C  D 33.  A  B  C  D
- 16.  B  C  D 34.  A  B  C  D
- 17.  A  B  C 35.  A  B  C  D
- 18.  B  C  D 36.  A  B  C  D

Часть В

1.

А	Б	В	Г	Д
1	3	2	4	5

2.

1.	К
2.	В
3.	В
4.	Т
5.	В
6.	А
7.	Б

5.

1.	3
2.	1
3.	5
4.	6
5.	2
6.	1

3.

1.	5
2.	1
3.	3
4.	7
5.	9
6.	10
7.	8
8.	2
9.	6
10.	4

6.

1.	9
2.	11
3.	2
4.	1
5.	5
6.	7
7.	8
8.	6
9.	3
10.	8
11.	10

4.

1.	+		
2.		+	
3.		+	
4.			+
5.	+		
6.		+	
7.		+	
8.			+
9.	+		
10.			+

7.

A	5
B	2
C	1

p ✓ q \_\_\_\_\_

8.

1.	3
2.	9
3.	5
4.	4
5.	6
6.	1
7.	8
8.	7
9.	10
10.	2

9.

1	2	3	4	5	6	7	8	9	10
A									

10. A-B, A-C, B-D, A-K, C-D, A-M

11.

1.	B
2.	D
3.	A
4.	J
5.	B

Blank box for score

Часть А

ШИФР (заполняется организатором)

Blank box for code

ZIPGRADE.COM

- 1 (A) (B) (C) (D) (E) 19 (A) (B) (C) (D) (E) 37 (A) (B) (C) (D) (E)
- 2 (A) (B) (C) (D) (E) 20 (A) (B) (C) (D) (E) 38 (A) (B) (C) (D) (E)
- 3 (A) (B) (C) (D) (E) 21 (A) (B) (C) (D) (E) 39 (A) (B) (C) (D) (E)
- 4 (A) (B) (C) (D) (E) 22 (A) (B) (C) (D) (E) 40 (A) (B) (C) (D) (E)
- 5 (A) (B) (C) (D) (E) 23 (A) (B) (C) (D) (E)
- 6 (A) (B) (C) (D) (E) 24 (A) (B) (C) (D) (E)
- 7 (A) (B) (C) (D) (E) 25 (A) (B) (C) (D) (E)
- 8 (A) (B) (C) (D) (E) 26 (A) (B) (C) (D) (E)
- 9 (A) (B) (C) (D) (E) 27 (A) (B) (C) (D) (E)
- 10 (A) (B) (C) (D) (E) 28 (A) (B) (C) (D) (E)
- 11 (A) (B) (C) (D) (E) 29 (A) (B) (C) (D) (E)
- 12 (A) (B) (C) (D) (E) 30 (A) (B) (C) (D) (E)
- 13 (A) (B) (C) (D) (E) 31 (A) (B) (C) (D) (E)
- 14 (A) (B) (C) (D) (E) 32 (A) (B) (C) (D) (E)
- 15 (A) (B) (C) (D) (E) 33 (A) (B) (C) (D) (E)
- 16 (A) (B) (C) (D) (E) 34 (A) (B) (C) (D) (E)
- 17 (A) (B) (C) (D) (E) 35 (A) (B) (C) (D) (E)
- 18 (A) (B) (C) (D) (E) 36 (A) (B) (C) (D) (E)

Район 2022 (7683)

Часть В

1.

А	Б	В	Г	Д
2	5	4	7	3

2.

1.	Ж
2.	А
3.	Е
4.	Б
5.	Г
6.	В
7.	Д

5.

1.	5
2.	6
3.	7
4.	2
5.	4
6.	3

3.

1.	70
2.	7
3.	6
4.	3
5.	2
6.	9
7.	4
8.	5
9.	7
10.	8

6.

1.	3
2.	5
3.	6
4.	8
5.	2
6.	7
7.	70
8.	77
9.	7
10.	4
11.	9

4.

1.		+	
2.			+
3.	+		
4.			+
5.	+		
6.		+	
7.	+		
8.	+		
9.			+
10.		+	

7.

A	2
B	5
C	7

р А қ С

8.

1.	9
2.	6
3.	7
4.	2
5.	3
6.	7
7.	10
8.	5
9.	4
10.	8

9.

1	2	3	4	5	6	7	8	9	10
А	Г	А	М	З	К	Б	Е	Ж	В

10. А және С К және М В және М

11.

1.	Г
2.	А
3.	А
4.	В
5.	Б



Часть А

ШИФР (заполняется организатором)

[Empty box for code]

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- 1  A  B  C  D  E 19  A  B  C  D  E 37  A  B  C  D  E
- 2  A  B  C  D  E 20  A  B  C  D  E 38  A  B  C  D  E
- 3  A  B  C  D  E 21  A  B  C  D  E 39  A  B  C  D  E
- 4  A  B  C  D  E 22  A  B  C  D  E 40  A  B  C  D  E
- 5  A  B  C  D  E 23  A  B  C  D  E
- 6  A  B  C  D  E 24  A  B  C  D  E
- 7  A  B  C  D  E 25  A  B  C  D  E
- 8  A  B  C  D  E 26  A  B  C  D  E
- 9  A  B  C  D  E 27  A  B  C  D  E
- 10  A  B  C  D  E 28  A  B  C  D  E
- 11  A  B  C  D  E 29  A  B  C  D  E
- 12  A  B  C  D  E 30  A  B  C  D  E
- 13  A  B  C  D  E 31  A  B  C  D  E
- 14  A  B  C  D  E 32  A  B  C  D  E
- 15  A  B  C  D  E 33  A  B  C  D  E
- 16  A  B  C  D  E 34  A  B  C  D  E
- 17  A  B  C  D  E 35  A  B  C  D  E
- 18  A  B  C  D  E 36  A  B  C  D  E

Район 2022 (7683)



**Часть В**

1.

А	Б	В	Г	Д
2	3	4	5	1

2.

1.	Ж
2.	Д
3.	А
4.	Б
5.	Е
6.	В
7.	Г

5.

1.	6
2.	6
3.	1
4.	2
5.	4
6.	3

3.

1.	3
2.	4
3.	6
4.	10
5.	1
6.	8
7.	7
8.	2
9.	9
10.	6

6.

1.	2
2.	3
3.	4
4.	5
5.	10
6.	7
7.	8
8.	9
9.	1
10.	11
11.	6

4.

1.	+		
2.		+	
3.			+
4.			+
5.	+		
6.		+	
7.	+		
8.			+
9.		+	
10.	+		

7.

A.	20%
B.	25%
C.	5%

р 30 қ 30

8.

1.	4
2.	3
3.	1
4.	6
5.	7
6.	2
7.	5
8.	10
9.	8
10.	9

9.

1	2	3	4	5	6	7	8	9	10
Б	В	З	Г	Е	А	К	Ж	И	Қ

10. К В С В И А К А С А М В К С М

11.

1.	А
2.	Б
3.	Г
4.	В
5.	Д

### Часть А

ШИФР (заполняется организатором)

ZIPGRADE.COM

Район 2022 (7683)

- |    |                                  |                                  |                                  |                                  |                       |    |                                  |                                  |                                  |                                  |                       |    |                                  |                       |                                  |                                  |                       |
|----|----------------------------------|----------------------------------|----------------------------------|----------------------------------|-----------------------|----|----------------------------------|----------------------------------|----------------------------------|----------------------------------|-----------------------|----|----------------------------------|-----------------------|----------------------------------|----------------------------------|-----------------------|
| 1  | <input checked="" type="radio"/> | B                                | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/> | 19 | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/> | 37 | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/> |
| 2  | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/>            | <input checked="" type="radio"/> | F                     | 20 | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/> | 38 | <input type="radio"/>            | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/>            | <input type="radio"/> |
| 3  | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/>            | <input checked="" type="radio"/> | F                     | 21 | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/>            | <input checked="" type="radio"/> | D                     | 39 | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/> |
| 4  | <input type="radio"/>            | <input checked="" type="radio"/> | <input type="radio"/>            | <input type="radio"/>            | F                     | 22 | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/>            | <input checked="" type="radio"/> | D                     | 40 | <input type="radio"/>            | <input type="radio"/> | <input type="radio"/>            | <input checked="" type="radio"/> | <input type="radio"/> |
| 5  | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/>            | <input checked="" type="radio"/> | F                     | 23 | <input type="radio"/>            | <input type="radio"/>            | <input checked="" type="radio"/> | D                                |                       |    |                                  |                       |                                  |                                  |                       |
| 6  | <input type="radio"/>            | <input checked="" type="radio"/> | <input type="radio"/>            | <input type="radio"/>            | F                     | 24 | <input checked="" type="radio"/> | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/> |    |                                  |                       |                                  |                                  |                       |
| 7  | <input checked="" type="radio"/> | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/>            | F                     | 25 | <input type="radio"/>            | <input checked="" type="radio"/> | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/> |    |                                  |                       |                                  |                                  |                       |
| 8  | <input type="radio"/>            | <input type="radio"/>            | <input checked="" type="radio"/> | <input type="radio"/>            | E                     | 26 | <input type="radio"/>            | <input type="radio"/>            | <input checked="" type="radio"/> | <input type="radio"/>            | <input type="radio"/> |    |                                  |                       |                                  |                                  |                       |
| 9  | <input checked="" type="radio"/> | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/>            | E                     | 27 | <input checked="" type="radio"/> | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/> |    |                                  |                       |                                  |                                  |                       |
| 10 | <input type="radio"/>            | <input checked="" type="radio"/> | <input type="radio"/>            | <input type="radio"/>            | E                     | 28 | <input checked="" type="radio"/> | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/> |    |                                  |                       |                                  |                                  |                       |
| 11 | <input checked="" type="radio"/> | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/>            | E                     | 29 | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/>            | <input checked="" type="radio"/> | <input type="radio"/> |    |                                  |                       |                                  |                                  |                       |
| 12 | <input type="radio"/>            | <input type="radio"/>            | <input checked="" type="radio"/> | <input type="radio"/>            | E                     | 30 | <input type="radio"/>            | <input type="radio"/>            | <input checked="" type="radio"/> | <input type="radio"/>            | <input type="radio"/> |    |                                  |                       |                                  |                                  |                       |
| 13 | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/>            | <input checked="" type="radio"/> | E                     | 31 | <input type="radio"/>            | <input checked="" type="radio"/> | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/> |    |                                  |                       |                                  |                                  |                       |
| 14 | <input type="radio"/>            | <input checked="" type="radio"/> | <input type="radio"/>            | <input type="radio"/>            | E                     | 32 | <input type="radio"/>            | <input checked="" type="radio"/> | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/> |    |                                  |                       |                                  |                                  |                       |
| 15 | <input checked="" type="radio"/> | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/>            | E                     | 33 | <input type="radio"/>            | <input type="radio"/>            | <input checked="" type="radio"/> | <input type="radio"/>            | <input type="radio"/> |    |                                  |                       |                                  |                                  |                       |
| 16 | <input type="radio"/>            | <input checked="" type="radio"/> | <input type="radio"/>            | <input type="radio"/>            | E                     | 34 | <input checked="" type="radio"/> | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/> |    |                                  |                       |                                  |                                  |                       |
| 17 | <input checked="" type="radio"/> | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/>            | E                     | 35 | <input type="radio"/>            | <input checked="" type="radio"/> | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/> |    |                                  |                       |                                  |                                  |                       |
| 18 | <input type="radio"/>            | <input type="radio"/>            | <input checked="" type="radio"/> | <input type="radio"/>            | E                     | 36 | <input type="radio"/>            | <input checked="" type="radio"/> | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/> |    |                                  |                       |                                  |                                  |                       |

Часть В

1.

А	Б	В	Г	Д
1	3	4	2	5

2.

1.	Ж
2.	Б
3.	А
4.	Э
5.	Т
6.	В
7.	Д

5.

1.	6
2.	5
3.	1
4.	2
5.	4
6.	3

3.

1.	4
2.	3
3.	8
4.	10
5.	1
6.	5
7.	9
8.	4
9.	6
10.	2

6.

1.	8
2.	3
3.	7
4.	1
5.	11
6.	2
7.	6
8.	10
9.	5
10.	9
11.	4

4.

1.		+	
2.	+		
3.			+
4.		+	
5.	+		
6.		+	
7.			+
8.	+		
9.			+
10.		+	

7.

A.	34
B.	74
C.	12

р 04.02 қ 0,72

8.

1.	4
2.	9
3.	1
4.	6
5.	5
6.	2
7.	10
8.	7
9.	8
10.	3

9.

1	2	3	4	5	6	7	8	9	10
К	В	А	И	З	Д	Ж	Е	Г	Б

10. АВСМК

11.

1.	А
2.	Г
3.	В
4.	Д
5.	Б

### Часть А

ШИФР (заполняется организатором)

ZIPGRADE.COM

Район 2022 (7683)

- |    |                                    |                                    |                                    |                                    |                         |    |                                    |                                    |                                    |                                    |                         |    |                         |                                    |                         |                                    |                         |
|----|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-------------------------|----|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-------------------------|----|-------------------------|------------------------------------|-------------------------|------------------------------------|-------------------------|
| 1  | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 19 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 37 | <input type="radio"/> A | <input checked="" type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |
| 2  | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 20 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 38 | <input type="radio"/> A | <input checked="" type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |
| 3  | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 21 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 39 | <input type="radio"/> A | <input checked="" type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |
| 4  | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 22 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 40 | <input type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C | <input checked="" type="radio"/> D | <input type="radio"/> E |
| 5  | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 23 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                         |                                    |                         |                                    |                         |
| 6  | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 24 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                         |                                    |                         |                                    |                         |
| 7  | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 25 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                         |                                    |                         |                                    |                         |
| 8  | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 26 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |    |                         |                                    |                         |                                    |                         |
| 9  | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 27 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |    |                         |                                    |                         |                                    |                         |
| 10 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 28 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E |    |                         |                                    |                         |                                    |                         |
| 11 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 29 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                         |                                    |                         |                                    |                         |
| 12 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 30 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                         |                                    |                         |                                    |                         |
| 13 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 31 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E |    |                         |                                    |                         |                                    |                         |
| 14 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 32 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |    |                         |                                    |                         |                                    |                         |
| 15 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 33 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                         |                                    |                         |                                    |                         |
| 16 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 34 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E |    |                         |                                    |                         |                                    |                         |
| 17 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 35 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                         |                                    |                         |                                    |                         |
| 18 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 36 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                         |                                    |                         |                                    |                         |

Часть В

1.

А	Б	В	Г	Д
1	4	5	2	3

2.

1.	Ж
2.	В
3.	Г
4.	Д
5.	Е
6.	Б
7.	А

5.

1.	6
2.	5
3.	1
4.	2
5.	4
6.	3

3.

1.	2
2.	5
3.	3
4.	10
5.	4
6.	8
7.	4
8.	6
9.	1
10.	9

6.

1.	11
2.	3
3.	7
4.	11
5.	8
6.	1
7.	10
8.	6
9.	2
10.	8
11.	9

4.

1.		+	
2.	+		
3.		+	
4.		+	
5.			+
6.		+	
7.			+
8.		+	
9.	+		
10.			+

7.

А. 4,770
В. 2,570
С. 5,260



p 0.520 q 0.060

8.

1.	4
2.	8
3.	1
4.	6
5.	3
6.	2
7.	10
8.	9
9.	5
10.	4

9.

1	2	3	4	5	6	7	8	9	10
K	U	B	T	A	E	B	D	K	S

10. 8-9%03

11.

1.	B
2.	T
3.	B
4.	A
5.	D

Blank box for score

Часть А

ШИФР (заполняется организатором)

Blank box for key code

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Район 2022 (7683)

- 1 ● B C D E 19 A ● C D E 37 A B C ● E
- 2 A B C ● E 20 A ● C D E 38 A ● C D E
- 3 A B C ● E 21 A ● C D E 39 ● B C D E
- 4 A ● C D E 22 A B C ● E 40 A B C ● E
- 5 A ● C D E 23 A B ● C D E
- 6 A B ● C D E 24 A ● C D E
- 7 ● B C D E 25 ● B C D E
- 8 A B ● C D E 26 A B ● C D E
- 9 ● B C D E 27 ● C D E
- 10 ● B C D E 28 A ● C D E
- 11 ● B C D E 29 A B C ● D E
- 12 A B ● C D E 30 A B ● C D E
- 13 A B ● C D E 31 A ● C D E
- 14 A ● C D E 32 A ● C D E
- 15 A B ● C D E 33 A B C ● E
- 16 A ● C D E 34 A ● C D E
- 17 A B ● C D E 35 A ● C D E
- 18 A B ● C D E 36 A ● C D E

Часть В

1.

А	Б	В	Г	Д
1	2	4	5	3

2.

1.	И
2.	А
3.	Е
4.	А
5.	Г
6.	Б
7.	В

5.

1.	5
2.	6
3.	1
4.	2
5.	4
6.	3

3.

1.	7
2.	3
3.	8
4.	5
5.	2
6.	1
7.	9
8.	4
9.	10
10.	5

6.

1.	7
2.	3
3.	4
4.	1
5.	9
6.	2
7.	8
8.	11
9.	6
10.	10
11.	5

4.

1.	+	+	-
2.	+	-	+
3.	-	-	+
4.	+	+	-
5.	-	-	+
6.	-	+	-
7.	-	+	+
8.	+	-	-
9.	+	-	-
10.	-	+	+

7.

A.	114
B.	74
C.	42

р 3,14 қ 0,06

8.

1.	4
2.	10
3.	1
4.	6
5.	5
6.	2
7.	8
8.	7
9.	9
10.	3

9.

1	2	3	4	5	6	7	8	9	10
к	б	а	г	з	д	е	н	ш	в

10. МКВАС

11.

1.	А
2.	Б
3.	Г
4.	В
5.	А

### Часть А

ШИФР (заполняется организатором)

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Район 2022 (7683)

- |    |                                  |   |                                  |   |                                  |   |                                  |   |                                  |   |    |                                  |   |                                  |   |                                  |   |                                  |   |                       |   |    |                                  |   |                       |   |                                  |   |                       |   |                       |   |
|----|----------------------------------|---|----------------------------------|---|----------------------------------|---|----------------------------------|---|----------------------------------|---|----|----------------------------------|---|----------------------------------|---|----------------------------------|---|----------------------------------|---|-----------------------|---|----|----------------------------------|---|-----------------------|---|----------------------------------|---|-----------------------|---|-----------------------|---|
| 1  | <input checked="" type="radio"/> | A | <input type="radio"/>            | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/>            | E | 19 | <input type="radio"/>            | A | <input checked="" type="radio"/> | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/> | E | 37 | <input type="radio"/>            | A | <input type="radio"/> | B | <input checked="" type="radio"/> | C | <input type="radio"/> | D | <input type="radio"/> | E |
| 2  | <input type="radio"/>            | A | <input type="radio"/>            | B | <input type="radio"/>            | C | <input checked="" type="radio"/> | D | <input type="radio"/>            | E | 20 | <input type="radio"/>            | A | <input checked="" type="radio"/> | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/> | E | 38 | <input type="radio"/>            | A | <input type="radio"/> | B | <input checked="" type="radio"/> | C | <input type="radio"/> | D | <input type="radio"/> | E |
| 3  | <input type="radio"/>            | A | <input type="radio"/>            | B | <input checked="" type="radio"/> | C | <input type="radio"/>            | D | <input type="radio"/>            | E | 21 | <input checked="" type="radio"/> | A | <input type="radio"/>            | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/> | E | 39 | <input checked="" type="radio"/> | A | <input type="radio"/> | B | <input type="radio"/>            | C | <input type="radio"/> | D | <input type="radio"/> | E |
| 4  | <input type="radio"/>            | A | <input type="radio"/>            | B | <input type="radio"/>            | C | <input checked="" type="radio"/> | D | <input type="radio"/>            | E | 22 | <input type="radio"/>            | A | <input checked="" type="radio"/> | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/> | E | 40 | <input checked="" type="radio"/> | A | <input type="radio"/> | B | <input type="radio"/>            | C | <input type="radio"/> | D | <input type="radio"/> | E |
| 5  | <input checked="" type="radio"/> | A | <input type="radio"/>            | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/>            | E | 23 | <input type="radio"/>            | A | <input type="radio"/>            | B | <input checked="" type="radio"/> | C | <input type="radio"/>            | D | <input type="radio"/> | E |    |                                  |   |                       |   |                                  |   |                       |   |                       |   |
| 6  | <input type="radio"/>            | A | <input checked="" type="radio"/> | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/>            | E | 24 | <input type="radio"/>            | A | <input checked="" type="radio"/> | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/> | E |    |                                  |   |                       |   |                                  |   |                       |   |                       |   |
| 7  | <input type="radio"/>            | A | <input checked="" type="radio"/> | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/>            | E | 25 | <input type="radio"/>            | A | <input checked="" type="radio"/> | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/> | E |    |                                  |   |                       |   |                                  |   |                       |   |                       |   |
| 8  | <input type="radio"/>            | A | <input type="radio"/>            | B | <input checked="" type="radio"/> | C | <input type="radio"/>            | D | <input type="radio"/>            | E | 26 | <input checked="" type="radio"/> | A | <input type="radio"/>            | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/> | E |    |                                  |   |                       |   |                                  |   |                       |   |                       |   |
| 9  | <input type="radio"/>            | A | <input type="radio"/>            | B | <input checked="" type="radio"/> | C | <input type="radio"/>            | D | <input type="radio"/>            | E | 27 | <input type="radio"/>            | A | <input type="radio"/>            | B | <input checked="" type="radio"/> | C | <input type="radio"/>            | D | <input type="radio"/> | E |    |                                  |   |                       |   |                                  |   |                       |   |                       |   |
| 10 | <input type="radio"/>            | A | <input type="radio"/>            | B | <input type="radio"/>            | C | <input checked="" type="radio"/> | D | <input type="radio"/>            | E | 28 | <input checked="" type="radio"/> | A | <input type="radio"/>            | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/> | E |    |                                  |   |                       |   |                                  |   |                       |   |                       |   |
| 11 | <input checked="" type="radio"/> | A | <input type="radio"/>            | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/>            | E | 29 | <input type="radio"/>            | A | <input type="radio"/>            | B | <input type="radio"/>            | C | <input checked="" type="radio"/> | D | <input type="radio"/> | E |    |                                  |   |                       |   |                                  |   |                       |   |                       |   |
| 12 | <input type="radio"/>            | A | <input checked="" type="radio"/> | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/>            | E | 30 | <input checked="" type="radio"/> | A | <input type="radio"/>            | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/> | E |    |                                  |   |                       |   |                                  |   |                       |   |                       |   |
| 13 | <input type="radio"/>            | A | <input type="radio"/>            | B | <input type="radio"/>            | C | <input checked="" type="radio"/> | D | <input type="radio"/>            | E | 31 | <input type="radio"/>            | A | <input checked="" type="radio"/> | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/> | E |    |                                  |   |                       |   |                                  |   |                       |   |                       |   |
| 14 | <input type="radio"/>            | A | <input type="radio"/>            | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input checked="" type="radio"/> | E | 32 | <input checked="" type="radio"/> | A | <input type="radio"/>            | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/> | E |    |                                  |   |                       |   |                                  |   |                       |   |                       |   |
| 15 | <input type="radio"/>            | A | <input type="radio"/>            | B | <input checked="" type="radio"/> | C | <input type="radio"/>            | D | <input type="radio"/>            | E | 33 | <input type="radio"/>            | A | <input checked="" type="radio"/> | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/> | E |    |                                  |   |                       |   |                                  |   |                       |   |                       |   |
| 16 | <input type="radio"/>            | A | <input checked="" type="radio"/> | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/>            | E | 34 | <input type="radio"/>            | A | <input checked="" type="radio"/> | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/> | E |    |                                  |   |                       |   |                                  |   |                       |   |                       |   |
| 17 | <input type="radio"/>            | A | <input type="radio"/>            | B | <input checked="" type="radio"/> | C | <input type="radio"/>            | D | <input type="radio"/>            | E | 35 | <input type="radio"/>            | A | <input type="radio"/>            | B | <input type="radio"/>            | C | <input checked="" type="radio"/> | D | <input type="radio"/> | E |    |                                  |   |                       |   |                                  |   |                       |   |                       |   |
| 18 | <input checked="" type="radio"/> | A | <input type="radio"/>            | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/>            | E | 36 | <input type="radio"/>            | A | <input type="radio"/>            | B | <input checked="" type="radio"/> | C | <input type="radio"/>            | D | <input type="radio"/> | E |    |                                  |   |                       |   |                                  |   |                       |   |                       |   |

Часть В

1.

А	Б	В	Г	Д
1	9	4	2	5

2.

1.	Ж
2.	В
3.	Г
4.	Е
5.	Д
6.	А
7.	Б

5.

1.	5
2.	6
3.	7
4.	2
5.	3
6.	4

3.

1.	4
2.	10
3.	8
4.	3
5.	6
6.	7
7.	9
8.	5
9.	2
10.	1

6.

1.	6
2.	7
3.	5
4.	7
5.	11
6.	9
7.	8
8.	4
9.	2
10.	10
11.	4

4.

1.		+	
2.	+		
3.			+
4.		+	
5.			+
6.	+		
7.			+
8.		+	
9.	+		
10.		+	

7.

A.
B.
C.

### Часть А

ШИФР (заполняется организатором)

ZIPGRADE.COM

1  A  B  C  D  E 19  A  B  C  D  E 37  A  B  C  D  E

2  A  B  C  D  E 20  A  B  C  D  E 38  A  B  C  D  E

3  A  B  C  D  E 21  A  B  C  D  E 39  A  B  C  D  E

4  A  B  C  D  E 22  A  B  C  D  E 40  A  B  C  D  E

5  A  B  C  D  E 23  A  B  C  D  E

6  A  B  C  D  E 24  A  B  C  D  E

7  A  B  C  D  E 25  A  B  C  D  E

8  A  B  C  D  E 26  A  B  C  D  E

9  A  B  C  D  E 27  A  B  C  D  E

10  A  B  C  D  E 28  A  B  C  D  E

11  A  B  C  D  E 29  A  B  C  D  E

12  A  B  C  D  E 30  A  B  C  D  E

13  A  B  C  D  E 31  A  B  C  D  E

14  A  B  C  D  E 32  A  B  C  D  E

15  A  B  C  D  E 33  A  B  C  D  E

16  A  B  C  D  E 34  A  B  C  D  E

17  A  B  C  D  E 35  A  B  C  D  E

18  A  B  C  D  E 36  A  B  C  D  E

Район 2022 (7683)

### Часть А

ШИФР (заполняется организатором)

ZIPGRADE.COM

Район 2022 (7683)

- |    |                                    |                                    |                                    |                                    |                         |    |                                    |                                    |                                    |                                    |                         |    |                                    |                         |                                    |                                    |                         |
|----|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-------------------------|----|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-------------------------|----|------------------------------------|-------------------------|------------------------------------|------------------------------------|-------------------------|
| 1  | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 19 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 37 | <input type="radio"/> A            | <input type="radio"/> B | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E |
| 2  | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 20 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 38 | <input checked="" type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |
| 3  | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 21 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 39 | <input type="radio"/> A            | <input type="radio"/> B | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |
| 4  | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 22 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 40 | <input checked="" type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |
| 5  | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 23 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                                    |                                    |                         |
| 6  | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 24 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                                    |                                    |                         |
| 7  | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 25 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                                    |                                    |                         |
| 8  | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 26 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                                    |                                    |                         |
| 9  | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 27 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                                    |                                    |                         |
| 10 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 28 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                                    |                                    |                         |
| 11 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 29 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                                    |                                    |                         |
| 12 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 30 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                                    |                                    |                         |
| 13 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 31 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                                    |                                    |                         |
| 14 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 32 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                                    |                                    |                         |
| 15 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 33 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E |    |                                    |                         |                                    |                                    |                         |
| 16 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 34 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E |    |                                    |                         |                                    |                                    |                         |
| 17 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 35 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                                    |                                    |                         |
| 18 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 36 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                         |                                    |                                    |                         |



**Часть В**

1.

А	Б	В	Г	Д
5	2	1	4	3

2.

1.	*
2.	Б
3.	А
4.	Е
5.	В
6.	А
7.	Г

5.

1.	4
2.	1
3.	6
4.	2
5.	5
6.	3

3.

1.	4
2.	3
3.	6
4.	10
5.	9
6.	8
7.	3
8.	5
9.	2
10.	1

6.

1.	5
2.	3
3.	10
4.	4
5.	2
6.	8
7.	1
8.	9
9.	11
10.	6
11.	4

4.

1.		+	
2.	+		
3.		+	3
4.			+
5.	+		
6.			+
7.	+		
8.		+	
9.			+
10.		+	

7.

A.	114
B.	94
C.	12

р 2 қ 3

8.

1.	9
2.	10
3.	6
4.	4
5.	3
6.	4
7.	8
8.	2
9.	5
10.	1

9.

1	2	3	4	5	6	7	8	9	10
А	З	А	Ж	Г	Е	К	Б	И	С

10. К және М - 14<sup>0</sup>10

11.

1.	А
2.	Г
3.	В
4.	А
5.	Б

[Empty box for score]

### Часть А

ШИФР (заполняется организатором)

[Empty box for key]

ZIPGRADE.COM

- |    |                                    |                                    |                                    |                                    |                         |    |                                    |                                    |                                    |                                    |                         |    |                         |                                    |                                    |                         |                         |
|----|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-------------------------|----|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-------------------------|----|-------------------------|------------------------------------|------------------------------------|-------------------------|-------------------------|
| 1  | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 19 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 37 | <input type="radio"/> A | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E |
| 2  | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 20 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 38 | <input type="radio"/> A | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E |
| 3  | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 21 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 39 | <input type="radio"/> A | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D | <input type="radio"/> E |
| 4  | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 22 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 40 | <input type="radio"/> A | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E |
| 5  | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 23 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |    |                         |                                    |                                    |                         |                         |
| 6  | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 24 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                         |                                    |                                    |                         |                         |
| 7  | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 25 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E |    |                         |                                    |                                    |                         |                         |
| 8  | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 26 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                         |                                    |                                    |                         |                         |
| 9  | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 27 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |    |                         |                                    |                                    |                         |                         |
|    |                                    |                                    |                                    |                                    |                         |    |                                    |                                    |                                    |                                    |                         |    |                         |                                    |                                    |                         |                         |
| 10 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 28 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                         |                                    |                                    |                         |                         |
| 11 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 29 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |    |                         |                                    |                                    |                         |                         |
| 12 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 30 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |    |                         |                                    |                                    |                         |                         |
| 13 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 31 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                         |                                    |                                    |                         |                         |
| 14 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 32 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E |    |                         |                                    |                                    |                         |                         |
| 15 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 33 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                         |                                    |                                    |                         |                         |
| 16 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 34 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E |    |                         |                                    |                                    |                         |                         |
| 17 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 35 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                         |                                    |                                    |                         |                         |
| 18 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 36 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E |    |                         |                                    |                                    |                         |                         |

Район 2022 (7683)

Часть В

1.

А	Б	В	Г	Д
2	1	4	3	5

2.

1.	Е
2.	С
3.	А
4.	Ж
5.	Г
6.	Б
7.	Д

5.

1.	5
2.	6
3.	1
4.	2
5.	4
6.	3

3.

1.	3
2.	6
3.	8
4.	4
5.	10
6.	1
7.	5
8.	7
9.	3
10.	2

6.

1.	5
2.	4
3.	2
4.	6
5.	7
6.	1
7.	10
8.	11
9.	7
10.	8
11.	9

4.

1.	+		
2.			+
3.	+		
4.			+
5.		+	
6.		+	
7.	+		
8.		+	
9.		+	
10.			+

7.

A.	120
B.	70
C.	10

p.  q. \_\_\_\_\_

8.

1.	2
2.	25
3.	1
4.	9
5.	7
6.	4
7.	6
8.	8
9.	10
10.	3

9.

1	2	3	4	5	6	7	8	9	10
Г	В	И	Ж	З	Қ	Б	К	Е	А

10. ҚиМ, АиВ, ВиС

11.

1.	Қ
2.	Г
3.	В
4.	А
5.	Б

### Часть А

ШИФР (заполняется организатором)

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Район 2022 (7683)

- |    |                                    |                                    |                                    |                                    |                         |    |                                    |                                    |                                    |                                    |                         |    |                         |                                    |                                    |                                    |                         |
|----|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-------------------------|----|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-------------------------|----|-------------------------|------------------------------------|------------------------------------|------------------------------------|-------------------------|
| 1  | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 19 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 37 | <input type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E |
| 2  | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 20 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 38 | <input type="radio"/> A | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |
| 3  | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 21 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 39 | <input type="radio"/> A | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |
| 4  | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 22 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 40 | <input type="radio"/> A | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |
| 5  | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 23 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                         |                                    |                                    |                                    |                         |
| 6  | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 24 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                         |                                    |                                    |                                    |                         |
| 7  | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 25 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |    |                         |                                    |                                    |                                    |                         |
| 8  | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 26 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                         |                                    |                                    |                                    |                         |
| 9  | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 27 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                         |                                    |                                    |                                    |                         |
| 10 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 28 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                         |                                    |                                    |                                    |                         |
| 11 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 29 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |    |                         |                                    |                                    |                                    |                         |
| 12 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 30 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                         |                                    |                                    |                                    |                         |
| 13 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 31 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                         |                                    |                                    |                                    |                         |
| 14 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 32 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                         |                                    |                                    |                                    |                         |
| 15 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 33 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                         |                                    |                                    |                                    |                         |
| 16 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 34 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |    |                         |                                    |                                    |                                    |                         |
| 17 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 35 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E |    |                         |                                    |                                    |                                    |                         |
| 18 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 36 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                         |                                    |                                    |                                    |                         |

Часть В

1.

А	Б	В	Г	Д
2	5	4	1	3

2.

1.	М
2.	В
3.	Т
4.	Е
5.	Б
6.	Д
7.	Ж

5.

1.	8
2.	5
3.	1
4.	2
5.	3
6.	4

3.

1.	6
2.	5
3.	8
4.	9
5.	3
6.	1
7.	10
8.	2
9.	7
10.	5

6.

1.	7
2.	1
3.	8
4.	5
5.	10
6.	6
7.	4
8.	9
9.	2
10.	11
11.	3

4.

1.		+	
2.			+
3.	+		
4.			+
5.		+	
6.			+
7.	+		
8.		+	
9.	+		
10.		+	

7.

A.
B.
C.

p \_\_\_\_\_ q \_\_\_\_\_

8.

1.	4
2.	6
3.	10
4.	1
5.	9
6.	2
7.	9
8.	7
9.	5
10.	8

9.

1	2	3	4	5	6	7	8	9	10
D	E	3	K	M	L	U	B	Ж	А

10. \_\_\_\_\_

11.

1.	Д
2.	Д
3.	В
4.	В
5.	А



Часть А

ШИФР (заполняется организатором)

[Empty box for code]

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Район 2022 (7683)

- 1 (A) (B) (C) (D) (E) 19 (A) (B) (C) (D) (E) 37 (A) (B) (C) (D) (E)
- 2 (A) (B) (C) (D) (E) 20 (A) (B) (C) (D) (E) 38 (A) (B) (C) (D) (E)
- 3 (A) (B) (C) (D) (E) 21 (A) (B) (C) (D) (E) 39 (A) (B) (C) (D) (E)
- 4 (A) (B) (C) (D) (E) 22 (A) (B) (C) (D) (E) 40 (A) (B) (C) (D) (E)
- 5 (A) (B) (C) (D) (E) 23 (A) (B) (C) (D) (E)
- 6 (A) (B) (C) (D) (E) 24 (A) (B) (C) (D) (E)
- 7 (A) (B) (C) (D) (E) 25 (A) (B) (C) (D) (E)
- 8 (A) (B) (C) (D) (E) 26 (A) (B) (C) (D) (E)
- 9 (A) (B) (C) (D) (E) 27 (A) (B) (C) (D) (E)
- 10 (A) (B) (C) (D) (E) 28 (A) (B) (C) (D) (E)
- 11 (A) (B) (C) (D) (E) 29 (A) (B) (C) (D) (E)
- 12 (A) (B) (C) (D) (E) 30 (A) (B) (C) (D) (E)
- 13 (A) (B) (C) (D) (E) 31 (A) (B) (C) (D) (E)
- 14 (A) (B) (C) (D) (E) 32 (A) (B) (C) (D) (E)
- 15 (A) (B) (C) (D) (E) 33 (A) (B) (C) (D) (E)
- 16 (A) (B) (C) (D) (E) 34 (A) (B) (C) (D) (E)
- 17 (A) (B) (C) (D) (E) 35 (A) (B) (C) (D) (E)
- 18 (A) (B) (C) (D) (E) 36 (A) (B) (C) (D) (E)

Часть В

1.

А	Б	В	Г	Д
3	2	5	1	4

2.

1.	Х
2.	А
3.	А
4.	Б
5.	Е
6.	Г
7.	В

5.

1.	5
2.	6
3.	1
4.	2
5.	4
6.	3

3.

1.	1
2.	2
3.	4
4.	3
5.	6
6.	5
7.	8
8.	7
9.	10
10.	9

6.

1.	4
2.	1
3.	3
4.	2
5.	10
6.	6
7.	5
8.	11
9.	8
10.	7
11.	9

4.

1.		+	
2.			+
3.	+		
4.			+
5.	+		
6.		+	
7.		+	
8.			+
9.	+		
10.		+	

7.

А.
В.
С.

р \_\_\_\_\_ қ \_\_\_\_\_

8.

1.	<del>8</del> 8
2.	<del>4</del> 5
3.	<del>8</del> 4
4.	<del>9</del> 3
5.	<del>8</del> 10
6.	<del>8</del> 7
7.	<del>4</del> 6
8.	<del>4</del> 9
9.	<del>6</del> 2
10.	<del>4</del> 4

9.

1	2	3	4	5	6	7	8	9	10
А	В	К	Ч	З	В	Е	Х	Б	Г

10. AB; AC; BM; AK; BC; AM; BK; KM

11.

1.	Б
2.	А
3.	Г
4.	В
5.	А

### Часть А

ШИФР (заполняется организатором)

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Район 2022 (7683)

- |    |     |     |     |     |     |    |     |     |     |     |     |    |     |     |     |     |     |
|----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|
| 1  | (A) | (B) | (C) | (D) | (E) | 19 | (A) | (B) | (C) | (D) | (E) | 37 | (A) | (B) | (C) | (D) | (E) |
| 2  | (A) | (B) | (C) | (D) | (E) | 20 | (A) | (B) | (C) | (D) | (E) | 38 | (A) | (B) | (C) | (D) | (E) |
| 3  | (A) | (B) | (C) | (D) | (E) | 21 | (A) | (B) | (C) | (D) | (E) | 39 | (A) | (B) | (C) | (D) | (E) |
| 4  | (A) | (B) | (C) | (D) | (E) | 22 | (A) | (B) | (C) | (D) | (E) | 40 | (A) | (B) | (C) | (D) | (E) |
| 5  | (A) | (B) | (C) | (D) | (E) | 23 | (A) | (B) | (C) | (D) | (E) |    |     |     |     |     |     |
| 6  | (A) | (B) | (C) | (D) | (E) | 24 | (A) | (B) | (C) | (D) | (E) |    |     |     |     |     |     |
| 7  | (A) | (B) | (C) | (D) | (E) | 25 | (A) | (B) | (C) | (D) | (E) |    |     |     |     |     |     |
| 8  | (A) | (B) | (C) | (D) | (E) | 26 | (A) | (B) | (C) | (D) | (E) |    |     |     |     |     |     |
| 9  | (A) | (B) | (C) | (D) | (E) | 27 | (A) | (B) | (C) | (D) | (E) |    |     |     |     |     |     |
| 10 | (A) | (B) | (C) | (D) | (E) | 28 | (A) | (B) | (C) | (D) | (E) |    |     |     |     |     |     |
| 11 | (A) | (B) | (C) | (D) | (E) | 29 | (A) | (B) | (C) | (D) | (E) |    |     |     |     |     |     |
| 12 | (A) | (B) | (C) | (D) | (E) | 30 | (A) | (B) | (C) | (D) | (E) |    |     |     |     |     |     |
| 13 | (A) | (B) | (C) | (D) | (E) | 31 | (A) | (B) | (C) | (D) | (E) |    |     |     |     |     |     |
| 14 | (A) | (B) | (C) | (D) | (E) | 32 | (A) | (B) | (C) | (D) | (E) |    |     |     |     |     |     |
| 15 | (A) | (B) | (C) | (D) | (E) | 33 | (A) | (B) | (C) | (D) | (E) |    |     |     |     |     |     |
| 16 | (A) | (B) | (C) | (D) | (E) | 34 | (A) | (B) | (C) | (D) | (E) |    |     |     |     |     |     |
| 17 | (A) | (B) | (C) | (D) | (E) | 35 | (A) | (B) | (C) | (D) | (E) |    |     |     |     |     |     |
| 18 | (A) | (B) | (C) | (D) | (E) | 36 | (A) | (B) | (C) | (D) | (E) |    |     |     |     |     |     |

### Часть В

1.

А	Б	В	Г	Д
1	2	4	5	3

2.

1.	20
2.	5
3.	А
4.	Е
5.	Г
6.	В
7.	Д

5.

1.	5
2.	6
3.	1
4.	2
5.	4
6.	3

3.

1.	9
2.	5
3.	3
4.	10,8
5.	1
6.	2
7.	9
8.	5
9.	6
10.	10

6.

1.	4
2.	6
3.	2
4.	7
5.	11
6.	9
7.	1
8.	3
9.	8
10.	5
11.	10

4.

1.		+	
2.	+		
3.			+
4.			+
5.			+
6.		+	
7.	+		
8.		+	
9.			+
10.	+		

7.

A.	111
B.	44
C.	12

р. 0,8409 0,560

8.

1.	4
2.	9
3.	1
4.	8
5.	8
6.	6
7.	5
8.	4
9.	10
10.	3

9.

1	2	3	4	5	6	7	8	9	10
А	В	А	Г	З	Б	В	Е	Д	И

10. АМВСВ

11.

1.	Г
2.	А
3.	А
4.	В
5.	Б

### Часть А

ШИФР (заполняется организатором)

ZIPGRADE.COM

Район 2022 (7683)

- |    |                                    |                                    |                                    |                                    |                         |    |                                    |                                    |                                    |                                    |                         |    |                         |                                    |                                    |                                    |                         |
|----|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-------------------------|----|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-------------------------|----|-------------------------|------------------------------------|------------------------------------|------------------------------------|-------------------------|
| 1  | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 19 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 37 | <input type="radio"/> A | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |
| 2  | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 20 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 38 | <input type="radio"/> A | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |
| 3  | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 21 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 39 | <input type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E |
| 4  | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 22 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 40 | <input type="radio"/> A | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |
| 5  | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 23 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                         |                                    |                                    |                                    |                         |
| 6  | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 24 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                         |                                    |                                    |                                    |                         |
| 7  | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 25 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |    |                         |                                    |                                    |                                    |                         |
| 8  | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 26 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                         |                                    |                                    |                                    |                         |
| 9  | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 27 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                         |                                    |                                    |                                    |                         |
| 10 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 28 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |    |                         |                                    |                                    |                                    |                         |
| 11 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 29 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |    |                         |                                    |                                    |                                    |                         |
| 12 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 30 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                         |                                    |                                    |                                    |                         |
| 13 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 31 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                         |                                    |                                    |                                    |                         |
| 14 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 32 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                         |                                    |                                    |                                    |                         |
| 15 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 33 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E |    |                         |                                    |                                    |                                    |                         |
| 16 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 34 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |    |                         |                                    |                                    |                                    |                         |
| 17 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 35 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E |    |                         |                                    |                                    |                                    |                         |
| 18 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 36 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                         |                                    |                                    |                                    |                         |

Часть В

1.

А	Б	В	Г	Д
4	3	2	5	7

2.

1.	Ж
2.	О
3.	А
4.	Е
5.	Г
6.	В
7.	Б

5.

1.	3
2.	6
3.	1
4.	2
5.	4
6.	3

3.

1.	4
2.	2
3.	4
4.	3
5.	1
6.	10
7.	2
8.	5
9.	6
10.	8

6.

1.	3
2.	2
3.	10
4.	1
5.	8
6.	2
7.	4
8.	9
9.	5
10.	11
11.	8

4.

1.		+	
2.	+		
3.			+
4.		+	
5.	+		
6.	+		
7.		+	
8.			+
9.	+		
10.	+		

7.

A.	114
B.	34
C.	12



p 774 q 26

8.

1.	H
2.	H+4 9
3.	1
4.	6
5.	9
6.	7
7.	8
8.	10
9.	3
10.	2

9.

1	2	3	4	5	6	7	8	9	10
3	6	7	8	9	8	6	6	6	6

10.  $\frac{B-M}{B-K} \cdot \frac{A-M}{B-C} \cdot \frac{K-A}{B-M} \cdot \frac{A-C}{A-B}$

11.

1.	Г
2.	Д
3.	А
4.	В
5.	Б

### Часть А

ШИФР (заполняется организатором)

ZIPGRADE.COM

Район 2022 (7683)

- |    |                                  |   |                                  |   |                                  |   |                                  |   |    |                                  |   |                                  |   |                                  |   |                                  |   |    |                                  |   |                                  |   |                                  |   |                                  |   |
|----|----------------------------------|---|----------------------------------|---|----------------------------------|---|----------------------------------|---|----|----------------------------------|---|----------------------------------|---|----------------------------------|---|----------------------------------|---|----|----------------------------------|---|----------------------------------|---|----------------------------------|---|----------------------------------|---|
| 1  | <input checked="" type="radio"/> | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/>            | E | 19 | <input type="radio"/>            | A | <input checked="" type="radio"/> | C | <input type="radio"/>            | D | <input type="radio"/>            | L | 37 | <input type="radio"/>            | A | <input type="radio"/>            | B | <input type="radio"/>            | C | <input checked="" type="radio"/> | E |
| 2  | <input type="radio"/>            | A | <input type="radio"/>            | B | <input type="radio"/>            | C | <input checked="" type="radio"/> | F | 20 | <input type="radio"/>            | A | <input checked="" type="radio"/> | C | <input type="radio"/>            | D | <input type="radio"/>            | L | 38 | <input checked="" type="radio"/> | B | <input type="radio"/>            | C | <input type="radio"/>            | D | E                                |   |
| 3  | <input type="radio"/>            | A | <input type="radio"/>            | B | <input type="radio"/>            | C | <input checked="" type="radio"/> | E | 21 | <input type="radio"/>            | A | <input checked="" type="radio"/> | C | <input type="radio"/>            | D | <input type="radio"/>            | L | 39 | <input type="radio"/>            | A | <input type="radio"/>            | B | <input checked="" type="radio"/> | D | E                                |   |
| 4  | <input type="radio"/>            | A | <input type="radio"/>            | B | <input checked="" type="radio"/> | C | <input type="radio"/>            | E | 22 | <input type="radio"/>            | A | <input type="radio"/>            | B | <input type="radio"/>            | C | <input checked="" type="radio"/> | D | 40 | <input type="radio"/>            | A | <input checked="" type="radio"/> | C | <input type="radio"/>            | D | E                                |   |
| 5  | <input checked="" type="radio"/> | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/>            | E | 23 | <input checked="" type="radio"/> | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/>            | E |    |                                  |   |                                  |   |                                  |   |                                  |   |
| 6  | <input type="radio"/>            | A | <input type="radio"/>            | B | <input type="radio"/>            | C | <input checked="" type="radio"/> | F | 24 | <input type="radio"/>            | A | <input type="radio"/>            | B | <input checked="" type="radio"/> | D | <input type="radio"/>            | E |    |                                  |   |                                  |   |                                  |   |                                  |   |
| 7  | <input type="radio"/>            | A | <input checked="" type="radio"/> | C | <input type="radio"/>            | D | <input type="radio"/>            | E | 25 | <input checked="" type="radio"/> | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/>            | E |    |                                  |   |                                  |   |                                  |   |                                  |   |
| 8  | <input type="radio"/>            | A | <input type="radio"/>            | B | <input type="radio"/>            | C | <input checked="" type="radio"/> | F | 26 | <input type="radio"/>            | A | <input type="radio"/>            | B | <input type="radio"/>            | C | <input checked="" type="radio"/> | D |    |                                  |   |                                  |   |                                  |   |                                  |   |
| 9  | <input type="radio"/>            | A | <input type="radio"/>            | B | <input type="radio"/>            | C | <input checked="" type="radio"/> | F | 27 | <input type="radio"/>            | A | <input type="radio"/>            | B | <input type="radio"/>            | C | <input checked="" type="radio"/> | D |    |                                  |   |                                  |   |                                  |   |                                  |   |
| 10 | <input checked="" type="radio"/> | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/>            | E | 28 | <input checked="" type="radio"/> | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/>            | E |    |                                  |   |                                  |   |                                  |   |                                  |   |
| 11 | <input type="radio"/>            | A | <input type="radio"/>            | B | <input checked="" type="radio"/> | D | <input type="radio"/>            | E | 29 | <input checked="" type="radio"/> | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/>            | E |    |                                  |   |                                  |   |                                  |   |                                  |   |
| 12 | <input checked="" type="radio"/> | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/>            | E | 30 | <input type="radio"/>            | A | <input checked="" type="radio"/> | C | <input type="radio"/>            | D | <input type="radio"/>            | E |    |                                  |   |                                  |   |                                  |   |                                  |   |
| 13 | <input type="radio"/>            | A | <input type="radio"/>            | B | <input checked="" type="radio"/> | D | <input type="radio"/>            | E | 31 | <input type="radio"/>            | A | <input type="radio"/>            | B | <input checked="" type="radio"/> | D | <input type="radio"/>            | E |    |                                  |   |                                  |   |                                  |   |                                  |   |
| 14 | <input checked="" type="radio"/> | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/>            | E | 32 | <input checked="" type="radio"/> | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/>            | E |    |                                  |   |                                  |   |                                  |   |                                  |   |
| 15 | <input checked="" type="radio"/> | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/>            | E | 33 | <input type="radio"/>            | A | <input checked="" type="radio"/> | C | <input type="radio"/>            | D | <input type="radio"/>            | E |    |                                  |   |                                  |   |                                  |   |                                  |   |
| 16 | <input type="radio"/>            | A | <input checked="" type="radio"/> | B | <input type="radio"/>            | D | <input type="radio"/>            | E | 34 | <input checked="" type="radio"/> | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/>            | E |    |                                  |   |                                  |   |                                  |   |                                  |   |
| 17 | <input checked="" type="radio"/> | B | <input type="radio"/>            | C | <input type="radio"/>            | D | <input type="radio"/>            | E | 35 | <input type="radio"/>            | A | <input type="radio"/>            | B | <input checked="" type="radio"/> | D | <input type="radio"/>            | E |    |                                  |   |                                  |   |                                  |   |                                  |   |
| 18 | <input type="radio"/>            | A | <input type="radio"/>            | B | <input checked="" type="radio"/> | D | <input type="radio"/>            | E | 36 | <input type="radio"/>            | A | <input checked="" type="radio"/> | C | <input type="radio"/>            | D | <input type="radio"/>            | E |    |                                  |   |                                  |   |                                  |   |                                  |   |

Часть В

1.

А	Б	В	Г	Д
2	3	5	4	1

2.

1.	Ж
2.	Б
3.	А
4.	Е
5.	В
6.	Д
7.	Т

5.

1.	4
2.	3
3.	1
4.	2
5.	5
6.	8

3.

1.	8
2.	6
3.	5
4.	1
5.	4
6.	3
7.	2
8.	10
9.	7
10.	2

6.

1.	2
2.	3
3.	11
4.	1
5.	7
6.	4
7.	5
8.	9
9.	6
10.	10
11.	8

4.

1.		+	
2.			+
3.	+		
4.		+	
5.	+		
6.			+
7.			+
8.	+		
9.		+	
10.	+		

7.

A.	5
B.	2
C.	1

Р \_\_\_\_\_ Ғ \_\_\_\_\_

8.

1.	Б
2.	10
3.	1
4.	4
5.	7
6.	2
7.	3
8.	5
9.	8
10.	6

9.

1	2	3	4	5	6	7	8	9	10
В	А	И	З	К	Ж	Б	Е	Г	Ғ

10. \_\_\_\_\_

11.

1.	Г
2.	А
3.	Б
4.	Д
5.	Ә

### Часть А

ШИФР (заполняется организатором)

ZIPGRADE.COM

- |    |                                    |                                    |                                    |                                    |                         |    |                                    |                                    |                                    |                                    |                         |    |                                    |                                    |                         |                                    |                         |
|----|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-------------------------|----|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-------------------------|----|------------------------------------|------------------------------------|-------------------------|------------------------------------|-------------------------|
| 1  | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 19 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 37 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |
| 2  | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 20 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 38 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |
| 3  | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 21 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 39 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |
| 4  | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 22 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 40 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C | <input checked="" type="radio"/> D | <input type="radio"/> E |
| 5  | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 23 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                         |                                    |                         |
| 6  | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 24 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                         |                                    |                         |
| 7  | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 25 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                         |                                    |                         |
| 8  | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 26 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E |    |                                    |                                    |                         |                                    |                         |
| 9  | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 27 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                         |                                    |                         |
| 10 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 28 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                         |                                    |                         |
| 11 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 29 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E |    |                                    |                                    |                         |                                    |                         |
| 12 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 30 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                         |                                    |                         |
| 13 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 31 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                         |                                    |                         |
| 14 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E | 32 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                         |                                    |                         |
| 15 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 33 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                         |                                    |                         |
| 16 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 34 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                         |                                    |                         |
| 17 | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            | <input type="radio"/> E | 35 | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D | <input type="radio"/> E |    |                                    |                                    |                         |                                    |                         |
| 18 | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E | 36 | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            | <input type="radio"/> E |    |                                    |                                    |                         |                                    |                         |

Район 2022 (7683)

Часть В

1.

А	Б	В	Г	Д
2	3	5	1	4

2.

1.	Ж
2.	Б
3.	А
4.	Е
5.	Г
6.	Д
7.	И

5.

1.	5
2.	6
3.	1
4.	2
5.	4
6.	3

3.

1.	3
2.	5
3.	4
4.	9
5.	8
6.	10
7.	7
8.	2
9.	6
10.	1

6.

1.	3
2.	2
3.	7
4.	5
5.	9
6.	1
7.	6
8.	10
9.	4
10.	8
11.	11

4.

1.	+		
2.			+
3.		+	
4.		+	
5.			+
6.		+	
7.	+		
8.			+
9.	+		
10.	+		

7.

A.	119
B.	71
C.	12

p \_\_\_\_\_ q \_\_\_\_\_

8.

1.	4
2.	9
3.	4
4.	6
5.	5
6.	2
7.	7
8.	3
9.	8
10.	10

9.

1	2	3	4	5	6	7	8	9	10
В	Д	А	К	З	Б	Н	Ж	Е	Г

10. \_\_\_\_\_

11.

1.	Д
2.	Б
3.	А
4.	В
5.	Г

Blank box for score

Қатысушының шешімдерін толтыруға арналған өріс / Поле для заполнения решений участника Парақ / Страница №

Часть А

ШИФР (заполняется организатором)

Blank box for code

ZIPGRADE.COM

- 1  A  B  C  D  E 19  A  B  C  D  E 37  A  B  C  D  E
- 2  A  B  C  D  E 20  A  B  C  D  E 38  A  B  C  D  E
- 3  A  B  C  D  E 21  A  B  C  D  E 39  A  B  C  D  E
- 4  A  B  C  D  E 22  A  B  C  D  E 40  A  B  C  D  E
- 5  A  B  C  D  E 23  A  B  C  D  E
- 6  A  B  C  D  E 24  A  B  C  D  E
- 7  A  B  C  D  E 25  A  B  C  D  E
- 8  A  B  C  D  E 26  A  B  C  D  E
- 9  A  B  C  D  E 27  A  B  C  D  E
- 10  A  B  C  D  E 28  A  B  C  D  E
- 11  A  B  C  D  E 29  A  B  C  D  E
- 12  A  B  C  D  E 30  A  B  C  D  E
- 13  A  B  C  D  E 31  A  B  C  D  E
- 14  A  B  C  D  E 32  A  B  C  D  E
- 15  A  B  C  D  E 33  A  B  C  D  E
- 16  A  B  C  D  E 34  A  B  C  D  E
- 17  A  B  C  D  E 35  A  B  C  D  E
- 18  A  B  C  D  E 36  A  B  C  D  E

Район 2022 (7683)



**Часть В**

1.

А	Б	В	Г	Д
5	2	4	1	3

2.

1.	Ж
2.	Б
3.	А
4.	Е
5.	Д
6.	Г
7.	И

5.

1.	5
2.	6
3.	1
4.	2
5.	4
6.	3

3.

1.	7
2.	5
3.	6
4.	10
5.	1
6.	2
7.	9
8.	4
9.	8
10.	3

6.

1.	7
2.	3
3.	8
4.	1
5.	10
6.	2
7.	6
8.	11
9.	4
10.	9
11.	5

4.

1.		+	
2.	+		
3.			+
4.		+	
5.			+
6.	+		
7.			+
8.		+	
9.			+
10.	+		

7.

A.	1
B.	5
C.	2

p 0570 q 0370

8.

1.	4
2.	10
3.	1
4.	5
5.	8
6.	2
7.	7
8.	6
9.	9
10.	3

9.

1	2	3	4	5	6	7	8	9	10
Е	К	М	Г	З	В	И	Д	А	Б

10. \_\_\_\_\_

11.

1.	Г
2.	Е
3.	Д
4.	В
5.	А