

Часть А

ШИФР (заполняется организатором)

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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	A	<input checked="" type="radio"/>	B	<input type="radio"/>	C	<input type="radio"/>	D	<input type="radio"/>	E	37	A	<input checked="" type="radio"/>	B	<input type="radio"/>	C	<input type="radio"/>	D	<input type="radio"/>	E	
2	A	<input type="radio"/>	B	<input type="radio"/>	C	<input checked="" type="radio"/>	D	<input type="radio"/>	E	20	A	<input type="radio"/>	B	<input type="radio"/>	C	<input checked="" 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	A	<input checked="" type="radio"/>	B	<input type="radio"/>	C	<input type="radio"/>	D	<input type="radio"/>	E	21	A	<input type="radio"/>	B	<input type="radio"/>	C	<input checked="" type="radio"/>	D	<input type="radio"/>	E	39	A	<input checked="" type="radio"/>	B	<input type="radio"/>	C	<input type="radio"/>	D	<input type="radio"/>	E		
4	A	<input type="radio"/>	B	<input checked="" type="radio"/>	C	<input type="radio"/>	D	<input type="radio"/>	E	22	<input checked="" type="radio"/>	A	<input type="radio"/>	B	<input type="radio"/>	C	<input type="radio"/>	D	<input type="radio"/>	E	40	A	<input type="radio"/>	B	<input checked="" type="radio"/>	C	<input type="radio"/>	D	<input type="radio"/>	E	
5	A	<input type="radio"/>	B	<input type="radio"/>	C	<input checked="" type="radio"/>	D	<input type="radio"/>	E	23	A	<input checked="" type="radio"/>	B	<input type="radio"/>	C	<input type="radio"/>	D	<input type="radio"/>	E												
6	A	<input type="radio"/>	B	<input checked="" type="radio"/>	C	<input type="radio"/>	D	<input type="radio"/>	E	24	A	<input type="radio"/>	B	<input checked="" type="radio"/>	C	<input type="radio"/>	D	<input type="radio"/>	E												
7	A	<input checked="" type="radio"/>	B	<input type="radio"/>	C	<input type="radio"/>	D	<input type="radio"/>	E	25	A	<input checked="" type="radio"/>	B	<input type="radio"/>	C	<input type="radio"/>	D	<input type="radio"/>	E												
8	A	<input type="radio"/>	B	<input checked="" type="radio"/>	C	<input type="radio"/>	D	<input type="radio"/>	E	26	A	<input checked="" type="radio"/>	B	<input type="radio"/>	C	<input type="radio"/>	D	<input type="radio"/>	E												
9	A	<input type="radio"/>	B	<input type="radio"/>	C	<input type="radio"/>	D	<input checked="" type="radio"/>	E	27	A	<input type="radio"/>	B	<input checked="" type="radio"/>	C	<input type="radio"/>	D	<input type="radio"/>	E												
10	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	A	<input checked="" type="radio"/>	B	<input type="radio"/>	C	<input type="radio"/>	D	<input type="radio"/>	E											
12	A	<input checked="" type="radio"/>	B	<input type="radio"/>	C	<input type="radio"/>	D	<input type="radio"/>	E	30	A	<input checked="" type="radio"/>	B	<input 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	A	<input type="radio"/>	B	<input type="radio"/>	C	<input checked="" type="radio"/>	D	<input type="radio"/>	E											
14	A	<input type="radio"/>	B	<input checked="" 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	A	<input type="radio"/>	B	<input type="radio"/>	C	<input checked="" type="radio"/>	D	<input type="radio"/>	E											
16	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	A	<input type="radio"/>	B	<input checked="" type="radio"/>	C	<input type="radio"/>	D	<input type="radio"/>	E	35	A	<input type="radio"/>	B	<input type="radio"/>	C	<input checked="" type="radio"/>	D	<input type="radio"/>	E												
18	A	<input type="radio"/>	B	<input type="radio"/>	C	<input checked="" type="radio"/>	D	<input type="radio"/>	E	36	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	5	3	4	2

2.

1.	Б
2.	Ж
3.	П
4.	А
5.	Я
6.	В
7.	Е

5.

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

3.

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

6.

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

4.

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

7.

A.
B.
C.

р _____ қ _____

8.

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

9.

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

10. _____

11.

1.	д
2.	а
3.	г
4.	в
5.	б

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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.

A	Б	В	Г	Д
1	3	4	2	5

2.

1.	Ж
2.	Б
3.	А
4.	Е
5.	Г
6.	В
7.	5

5.

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

3.

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

6.

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

4.

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

7.

A.	114
B.	54
C.	32



р 50 қ 50.

8.

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

9.

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

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

11.

1.	A
2.	B
3.	Б
4.	Д
5.	Г

[Empty box for score]

Часть А

ШИФР (заполняется организатором)

[Empty box for code]

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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 | <input type="radio"/> F |
| 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 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 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 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 type="radio"/> B | <input type="radio"/> C | <input checked="" 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 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 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 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
3	2	4	1	5

2.

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

6.

1.	17
2.	3
3.	10
4.	1
5.	8
6.	4
7.	6
8.	11
9.	2
10.	9
11.	5

4.

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

7.

А.	114
В.	74
С.	12



р 0,94 қ 0,060

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	Г	З	Д	И	Е	Ж	Ә

10. _____

11.

1.	Г
2.	А
3.	Д
4.	Ә
5.	В

[Empty box for score]

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
1	3	5	2	4

2.

1.	Ж
2.	Д
3.	А
4.	Е
5.	Г
6.	Б
7.	В

5.

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

3.

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

6.

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

4.

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

7.

А.	2
В.	1
С.	5



р а қ б

8.

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

9.

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

10. Аше В-3%, Аше М-8%, Вше С-7%, Вше М-5%

11.

1.	В
2.	А
3.	Г
4.	Б
5.	Д

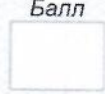
Часть А

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 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 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 type="radio"/> | C | <input checked="" 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 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 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 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 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 checked="" 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 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 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 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 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 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 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 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
1	2	4	5	3

2.

1.	Б
2.	А
3.	Ж
4.	Е
5.	Г
6.	Б
7.	А

5.

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

3.

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

6.

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

4.

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

7.

A.	57
B.	37
C.	6



р _____ қ _____

8.

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

9.

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

10. _____

11.

1.	А
2.	В
3.	Б
4.	Г
5.	Д

[Empty box for score]

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 checked="" type="radio"/> A | <input 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 checked="" type="radio"/> A | <input 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 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 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 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 checked="" type="radio"/> A | <input 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 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 | | | | | | |
| 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 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 checked="" type="radio"/> B | <input 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 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 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 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 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 | | | | | | |

Район 2022 (7683)

Часть В

1.

А	Б	В	Г	Д
2	5	1	4	3

2.

1.	Ж
2.	Б
3.	А
4.	Г
5.	Д
6.	В
7.	Д

5.

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

3.

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

6.

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

4.

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

7.

A.	2
B.	1
C.	3



р ✓ қ _____

8.

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

9.

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

10. _____

11.

1.	Г
2.	В
3.	А
4.	Б
5.	Д

Часть А

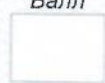
ШИФР (заполняется организатором)

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|----|----------------------------------|---|----------------------------------|---|----------------------------------|---|----------------------------------|---|----|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|-----------------------|----------------------------------|----------------------------------|----|-----------------------|----------------------------------|----------------------------------|-----------------------|-----------------------|----------------------------------|----------------------------------|-----------------------|-----------------------|-----------------------|---|
| 1 | <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 type="radio"/> | C | <input checked="" type="radio"/> | F | 37 | <input type="radio"/> | A | <input type="radio"/> | B | <input type="radio"/> | C | <input checked="" type="radio"/> | F | | | |
| 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"/> | C | <input checked="" 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"/> | D | <input type="radio"/> | E | 21 | <input type="radio"/> | A | <input checked="" type="radio"/> | B | <input type="radio"/> | C | <input type="radio"/> | D | E | 39 | <input type="radio"/> | A | <input type="radio"/> | B | <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 | E | 22 | <input type="radio"/> | A | <input type="radio"/> | B | <input type="radio"/> | C | <input checked="" 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 | E | 23 | <input type="radio"/> | A | <input type="radio"/> | B | <input type="radio"/> | C | <input checked="" type="radio"/> | E | | | | | | | | | | | |
| 6 | <input type="radio"/> | A | <input type="radio"/> | B | <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 | E | | | | | | | | | | | |
| 7 | <input type="radio"/> | A | <input type="radio"/> | B | <input checked="" type="radio"/> | D | <input type="radio"/> | E | 25 | <input type="radio"/> | A | <input type="radio"/> | B | <input checked="" type="radio"/> | D | <input type="radio"/> | E | | | | | | | | | | | | |
| 8 | <input type="radio"/> | A | <input type="radio"/> | B | <input checked="" 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 | E | | | | | | | | | | | |
| 9 | <input checked="" type="radio"/> | A | <input type="radio"/> | B | <input type="radio"/> | C | <input type="radio"/> | D | E | 27 | <input checked="" type="radio"/> | A | <input type="radio"/> | B | <input type="radio"/> | C | <input type="radio"/> | D | E | | | | | | | | | | |
| 10 | <input type="radio"/> | A | <input checked="" type="radio"/> | B | <input type="radio"/> | C | <input type="radio"/> | D | E | 28 | <input checked="" type="radio"/> | A | <input type="radio"/> | B | <input type="radio"/> | C | <input type="radio"/> | D | E | | | | | | | | | | |
| 11 | <input checked="" type="radio"/> | A | <input type="radio"/> | B | <input type="radio"/> | C | <input type="radio"/> | D | E | 29 | <input type="radio"/> | A | <input checked="" type="radio"/> | B | <input type="radio"/> | C | <input type="radio"/> | D | E | | | | | | | | | | |
| 12 | <input type="radio"/> | A | <input type="radio"/> | B | <input type="radio"/> | C | <input checked="" type="radio"/> | 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 type="radio"/> | B | <input checked="" type="radio"/> | D | <input type="radio"/> | E | 32 | <input type="radio"/> | A | <input type="radio"/> | B | <input type="radio"/> | C | <input checked="" type="radio"/> | E | | | | | | | | | | | | |
| 15 | <input type="radio"/> | A | <input type="radio"/> | B | <input checked="" 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 | E | | | | | | | | | | | |
| 16 | <input type="radio"/> | A | <input type="radio"/> | B | <input type="radio"/> | C | <input checked="" type="radio"/> | E | 34 | <input type="radio"/> | A | <input checked="" type="radio"/> | B | <input type="radio"/> | C | <input type="radio"/> | D | E | | | | | | | | | | | |
| 17 | <input type="radio"/> | A | <input type="radio"/> | B | <input checked="" 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 | E | | | | | | | | | | | |
| 18 | <input checked="" type="radio"/> | A | <input type="radio"/> | B | <input type="radio"/> | C | <input type="radio"/> | D | E | 36 | <input type="radio"/> | A | <input checked="" type="radio"/> | B | <input type="radio"/> | C | <input type="radio"/> | D | E | | | | | | | | | | |

Район 2022 (7683)



Часть В

1.

А	Б	В	Г	Д
1	2	4	5	3

2.

1.	Ж
2.	А
3.	Б
4.	Е
5.	Г
6.	В
7.	Д

5.

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

3.

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

6.

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

4.

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

7.

A.	114
B.	74
C.	12

р А қ С

8.

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

9.

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

10. КМ, ВК, АМ, ВС, АК, ВМ, АС, АВ.

11.

1.	Б
2.	А
3.	В
4.	Г
5.	Ә

[Empty box for score]

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 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 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 | <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 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 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 type="radio"/> | A | <input type="radio"/> | B | <input type="radio"/> | C | <input checked="" 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 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 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 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 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 | | | | | | | | | | | |

Район 2022 (7683)

Часть В

1.

А	Б	В	Г	Д
1	2	И Е	Б 5	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.	7
2.	54
3.	8
4.	10
5.	1
6.	42
7.	9
8.	5
9.	8
10.	3

6.

1.	7
2.	3
3.	9
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.	3
C.	2

р А қ С

8.

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

9.

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

10. А В К Е М

11.

1.	Г
2.	А
3.	АӘ
4.	В
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 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 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 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 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 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 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 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 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 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 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 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 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 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 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
1	2	5	4	3

2.

1.	8
2.	5
3.	A
4.	E
5.	2
6.	B
7.	M

5.

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

3.

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

6.

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

4.

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

7.

A.
B.
C.



p _____ q _____

8.

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

9.

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

10. _____

11.

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

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 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 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 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 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 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 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 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 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 type="radio"/> B | <input checked="" 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 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 | | | | | | |



р 0,90 қ 0,43

8.

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

9.

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

10. ж-м-в-к-а-м-в-с-а-к-в-м-а-с-а-в

11.

1.	А
2.	Ғ
3.	В
4.	Д
5.	Б



Часть В

1.

А	Б	В	Г	Д
2	5)	1	4)	3

2.

1.	В, не
2.	Б
3.	А
4.	Е
5.	Г
6.	В
7.	Д

5.

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

3.

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

6.

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

4.

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

7.

A.	2
B.	1
C.	3

[]

Часть А

ШИФР (заполняется организатором)

[]

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
2	3	4	1	5

2.

1.	Ж
2.	В
3.	А
4.	Е
5.	Г
6.	Б
7.	Д

5.

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

3.

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

6.

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

4.

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

7.

A.	0,43
B.	1,63
C.	4,94



р 0,125 қ 0,125.

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
А	В	И	Г	З	А	Б	Е	Ж	К

10. А; Б; Е; К; М

11.

1.	Г
2.	В
3.	А
4.	Б
5.	Д

[]

Часть А

ШИФР (заполняется организатором)

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Район 2022 (7683)

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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 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 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 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 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 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 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 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 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 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 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 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
1	2	4	4	3

2.

1.	Ж
2.	Д
3.	А
4.	Е
5.	Г
6.	В
7.	Б

5.

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

3.

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

6.

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

4.

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

7.

A.	570
B.	370
C.	600



p Аа q Вв

8.

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

9.

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

10. кмвскасазкма

11.

1.	Д
2.	А
3.	В
4.	Б
5.	Г

Часть А

ШИФР (заполняется организатором)

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| 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 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"/> E | 20 | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input checked="" type="radio"/> E | 38 | <input type="radio"/> A | <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"/> D | <input type="radio"/> E | 21 | <input type="radio"/> A | <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"/> D | <input type="radio"/> E | | |
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| 6 | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input checked="" type="radio"/> E | 24 | <input type="radio"/> A | <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"/> D | <input type="radio"/> E | 25 | <input type="radio"/> A | <input checked="" type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E | | | | | | | |
| 8 | <input type="radio"/> A | <input checked="" 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 type="radio"/> C | <input type="radio"/> D | <input type="radio"/> 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 type="radio"/> B | <input checked="" type="radio"/> D | <input type="radio"/> E | | | | | | | |
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| 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"/> 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 type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input checked="" type="radio"/> E | | | | | | | |
| 12 | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input checked="" 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 type="radio"/> C | <input checked="" 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"/> C | <input type="radio"/> D | <input type="radio"/> E | | | | | | |
| 15 | <input type="radio"/> A | <input type="radio"/> B | <input checked="" type="radio"/> D | <input type="radio"/> E | 33 | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input checked="" type="radio"/> E | | | | | | | |
| 16 | <input type="radio"/> A | <input type="radio"/> B | <input checked="" type="radio"/> D | <input type="radio"/> E | 34 | <input type="radio"/> A | <input type="radio"/> B | <input checked="" 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 type="radio"/> C | <input checked="" 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
1	2	4	5	3

2.

1.	Ж
2.	Д
3.	Е
4.	Г
5.	А
6.	Б
7.	В

5.

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

3.

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

6.

1.	3
2.	8 5 8
3.	1
4.	4
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.	114
B.	44
C.	12

p _____ q _____

8.

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

9.

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

10. _____

11.

1.	Г
2.	Д
3.	Б
4.	В
5.	А

Часть А

ШИФР (заполняется организатором)

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Район 2022 (7683)

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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 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 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 | <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 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 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 type="radio"/> C | <input checked="" 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 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 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 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 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 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 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 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)	2)	4)	5)

2.

1.	Ж
2.	Д
3.	А
4.	Е
5.	Г
6.	В
7.	Б

5.

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

3.

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

6.

1.	2
2.	4
3.	81
4.	9
5.	10
6.	3
7.	5
8.	9
9.	6
10.	8
11.	7

4.

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

7.

A.	114
B.	74
C.	12

р 0,94 қ 0,06

8.

1.	4
2.	9
3.	1
4.	6
5.	85
6.	2
7.	10
8.	7
9.	8
10.	3

9.

1	2	3	4	5	6	7	8	9	10
К	В	А	ш	З	Д	Б,	Е	тс	П

10. МКВАС

11.

1.	В
2.	Г
3.	А
4.	Б
5.	Д

Часть А

ШИФР (заполняется организатором)

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Район 2022 (7683)

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| 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 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 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 type="radio"/> C | <input checked="" 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 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 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 checked="" type="radio"/> A | <input 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 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 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 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 | | | | | | |

Часть В

1.

A	Б	В	Г	Д
① бір	③ немі	⑤	② емі.	④ Соңғы жол

2.

1.	дс
2.	д
3.	Г
4.	б.
5.	Е
6.	Д
7.	А.

5.

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

3.

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

6.

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

4.

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

7.

A.	0,370
B.	0,060
C.	0,570



р В қ С

8.

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

9.

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

10. $A/B; A/C; B/M; K; B/C; A/M; B/K; K/M.$
 3% 4% 5% 6% 7% 8% 9% 14%

11.

1.	Д
2.	Б
3.	А
4.	Г
5.	В

Часть А

ШИФР (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

Район 2022 (7683)

Часть В

1.

A	Б	В	Г	Д
1	2	4	5	3

2.

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

6.

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

4.

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

7.

A.	114
B.	74
C.	12

$200 - 100$

$x - 57$

$x = \frac{200 \cdot 57}{100} = 114$

$x = \frac{200 \cdot 37}{100} = 74$

$200 - (114 + 74) = 200 - 188 = 12$

р _____ қ _____

8.

1.	А 4
2.	Б 9
3.	С 1
4.	Д 6
5.	3 5
6.	Е 2
7.	Ж 10
8.	7 К 7
9.	Л 8
10.	8 3

9.

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

10. АВКМАСВМАК

11.

1.	А
2.	Б
3.	А
4.	В
5.	Г

[]

Часть А

ШИФР (заполняется организатором)

[]

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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 type="radio"/>	B	<input type="radio"/>	C	<input checked="" type="radio"/>	F	<input type="radio"/>	E	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"/>	E	20	<input type="radio"/>	A	<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"/>	D	<input type="radio"/>	E		
3	<input type="radio"/>	A	<input type="radio"/>	B	<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"/>	E	39	<input type="radio"/>	A	<input type="radio"/>	B	<input checked="" type="radio"/>	D	<input type="radio"/>	E		
4	<input type="radio"/>	A	<input checked="" type="radio"/>	C	<input type="radio"/>	D	<input type="radio"/>	E	22	<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"/>	E		
5	<input type="radio"/>	A	<input type="radio"/>	B	<input checked="" type="radio"/>	D	<input type="radio"/>	E	23	<input type="radio"/>	A	<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"/>	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"/>	D	<input type="radio"/>	E	25	<input type="radio"/>	A	<input type="radio"/>	B	<input checked="" type="radio"/>	D	<input type="radio"/>	E											
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 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"/>	E	27	<input checked="" type="radio"/>	B	<input type="radio"/>	C	<input type="radio"/>	D	<input type="radio"/>	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 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 checked="" type="radio"/>	B	<input type="radio"/>	C	<input type="radio"/>	D	<input type="radio"/>	E	30	<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"/>	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"/>	D	<input type="radio"/>	E	32	<input type="radio"/>	A	<input type="radio"/>	B	<input checked="" type="radio"/>	D	<input type="radio"/>	E											
15	<input type="radio"/>	A	<input type="radio"/>	B	<input type="radio"/>	C	<input checked="" type="radio"/>	E	33	<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"/>	E	34	<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"/>	D	<input type="radio"/>	E	35	<input type="radio"/>	A	<input type="radio"/>	B	<input type="radio"/>	C	<input checked="" type="radio"/>	E											
18	<input type="radio"/>	A	<input type="radio"/>	B	<input type="radio"/>	C	<input checked="" 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.

A	Б	В	Г	Д
1	2	4	5	3

2.

1.	Б
2.	А
3.	Д
4.	Х
5.	Г
6.	Е
7.	В

5.

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

3.

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

6.

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

4.

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

7.

A.	5
B.	1
C.	2

р 0,570 қ 0,060

8.

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

9.

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

10. С А ВМК

11.

1.	Г
2.	А
3.	Б
4.	В
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
- 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.

A	Б	В	Г	Д
1	4	3	5	2

2.

1.	A
2.	B
3.	Г
4.	Д
5.	Б
6.	Ж
7.	Е

5.

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

3.

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

6.

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

4.

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

7.

A.	3
B.	1
C.	2

р 1 қ 2

8.

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

9.

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

10. —

11.

1.	б
2.	а
3.	г
4.	д
5.	в

Часть А

ШИФР (заполняется организатором)

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- | | | | | | | | | | | | | | | | | | |
|----|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-------------------------|----|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-------------------------|----|------------------------------------|-------------------------|------------------------------------|-------------------------|-------------------------|
| 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 | | | | | | |

Район 2022 (7683)

Часть В

1.

А	Б	В	Г	Д
1	3	4	5	2

2.

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

5.

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

3.

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

6.

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

4.

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

7.

A.	5
B.	2
C.	1

р 0,570 қ 0,060

8.

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

9.

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

10. А С В К М

11.

1.	Е
2.	М
3.	В
4.	А
5.	Ғ

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	5	1	2	3

2.

1.	В
2.	Б
3.	А
4.	Е
5.	Ж
6.	Г
7.	Д

5.

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

3.

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

6.

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

4.

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

7.

A.	2
B.	1
C.	3



р А қ С

8.

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

9.

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

10. _____

11.

1.	Б
2.	А
3.	Д
4.	В
5.	Г

Часть А

ШИФР (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)

Район 0002 (7683)

Часть В

1.

А	Б	В	Г	Д
5	2	4	1	3

2.

1.	Е
2.	Д
3.	Г
4.	И
5.	А
6.	Б
7.	В

5.

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

3.

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

6.

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

4.

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

7.

А.	23
В.	10
С.	1

р 2 қ 0.48.

8.

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

9.

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

10. А-к В-С К-М

11.

1.	Г
2.	Д
3.	Б
4.	В
5.	А

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 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 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 | <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 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 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 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 checked="" type="radio"/> A | <input 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 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 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 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 | | | | | | |

Район 2022 (7683)



Часть В

1.

A	Б	В	Г	Д
X 1	3	2	5	4

2.

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

6.

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

4.

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

7.

A.	5
B.	2
C.	1



p _____ q _____

8.

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

9.

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

10. А, В, С, К, М

11.

1.	Б
2.	Г
3.	А
4.	Д
5.	В

Часть А

ШИФР (заполняется организатором)

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- | | | | | | | | | | | | | | | | | | |
|----|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-------------------------|-------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-------------------------|-------------------------|------------------------------------|-------------------------|------------------------------------|-------------------------|-------------------------|
| 1 | <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 type="radio"/> C | <input checked="" 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 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 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 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 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 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 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 type="radio"/> B | <input checked="" 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 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 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 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 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 checked="" 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 (7683)

Часть В

1.

А	Б	В	Г	Д
5	1	2	2	3

2.

1.	Ж
2.	А
3.	Г
4.	Е
5.	В
6.	Б
7.	Д

5.

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

3.

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

6.

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

4.

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

7.

А.	2
В.	5
С.	7

р 1 қ 2

8.

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

9.

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

10. —

11.

1.	б
2.	а
3.	р
4.	в
5.	ш

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 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 checked="" 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 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 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 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 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 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 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 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 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 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 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 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 type="radio"/> B | <input type="radio"/> C | <input checked="" 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 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 checked="" type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E | | | | | | |

Часть В

1.

A	Б.	В	Г	Д
2	3	4	5	1

2.

1.	Ж
2.	Б
3.	А
4.	В
5.	Е
6.	Д
7.	Г

5.

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

3.

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

6.

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

4.

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

7.

A.	2
B.	1
C.	5

р А қ С

8.

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

9.

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

10. К.И.; В.К.; А.М.; В.С.; А.К.; Д.М.; А.С.; Л.В.

11.

1.	Г
2.	А
3.	Д
4.	В
5.	Б

[Empty box for score]

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.

A	Б	В	Г	Д
1	1	5	4	3

2.

1.	К
2.	5
3.	A
4.	E
5.	Г
6.	B
7.	D

5.

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

3.

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

6.

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

4.

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

7.

A.
B.
C.

p _____ q _____

8.

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

9.

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

10. МСКВА

11.

1.	Г
2.	А
3.	Д
4.	Б
5.	В



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 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 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 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 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 type="radio"/> C | <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"/> 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 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 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 checked="" 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 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 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 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 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 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 | | | | | | |

Район 2022 (7503)

Часть В

1.

А	Б	В	Г	Д
2	3	5	1	4

2.

1.	Ж
2.	Б
3.	А
4.	Д
5.	Е
6.	С
7.	Т

5.

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

3.

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

6.

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

4.

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

7.

A.	0,540
B.	0,340
C.	0,060

р _____ қ

8.

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

9.

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

10. _____

11.

1.	Г
2.	Д
3.	А
4.	В
5.	Б

Часть А

ШИФР (заполняется организатором)

ZIPGRADE.COM

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

Район 2022 (7683)

Часть В

1.

А	Б	В	Г	Д
2	1	5	4	3

2.

1.	Ж
2.	А
3.	Д
4.	Е
5.	Г
6.	В
7.	Б

5.

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

3.

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

6.

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

4.

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

7.

A.
B.
C.

р А қ С

8.

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

9.

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

10. АСКМВ

11.

1.	Д
2.	В
3.	А
4.	Б
5.	Г

Часть А

ШИФР (заполняется организатором)

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
4	3	5	2	1

2.

1.	жс)
2.	б)
3.	2)
4.	ж б)
5.	а)
6.	г)
7.	е)

5.

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

3.

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

6.

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

4.

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

7.

А.	5)
В.	1)
С.	2)

p c, b q a

8.

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

9.

1	2	3	4	5	6	7	8	9	10
б)	в)	з)	е)	а)	ғ)	ш)	2)	жс)	к)

10. k-m

11.

1.	в)
2.	б)
3.	а)
4.	2)
5.	ғ)

[Empty box for score]

Часть А

ШИФР (заполняется организатором)

[Empty 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
3)	2)	1)	4)	5)

2.

1.	Ж
2.	Д
3.	А
4.	Б Э
5.	С
6.	В Б
7.	К

5.

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

3.

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

6.

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

4.

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

7.

А.	5
В.	2
С.	1



p 1 q 5

8.

1.	4
2.	8
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
ж	б	А	5	3	Д	ц	Е	ш	В

10. КМВСА

11.

1.	200
2.	A
3.	20
4.	В
5.	2



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 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 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 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 | <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 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 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 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 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 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 checked="" 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 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 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 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 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 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 (7683)



Часть В

1.

А	Б	В	Г	Д
1	4	5	2	3

2.

1.	Ж
2.	Д
3.	А
4.	Е
5.	Б
6.	В
7.	Г

5.

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

3.

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

6.

1.	97
2.	3
3.	10
4.	1
5.	4
6.	# 2
7.	6
8.	11
9.	8
10.	9
11.	5

4.

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

7.

A.	1/4
B.	74
C.	12



p 0,570 q 0,080

8.

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

9.

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

10. К, С, А, В, М

11.

1.	В
2.	А
3.	Д
4.	Б
5.	Г

Часть А

ШИФР (заполняется организатором)

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

Район 2022 (7683)



Часть В

1.

А	Б	В	Г	Д
3	1	2	4	5

2.

1.	*
2.	Б
3.	Г
4.	Е
5.	Д
6.	В
7.	А

5.

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

3.

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

6.

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

4.

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

7.

A.	114
B.	74
C.	12

р А қ С

8.

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

9.

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

10. КМВСА

11.

1.	Г
2.	А
3.	Б
4.	В
5.	А

[Empty box for score]

Часть А

ШИФР (заполняется организатором)

[Empty box for code]

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Район 2022 (7683)

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

Часть В

1.

А	Б	В	Г	Д

2.

1.	В.
2.	А. а. о.
3.	х. е.
4.	Б.
5.	ж.
6.	Г.
7.	д.

5.

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

3.

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

6.

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

4.

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

7.

А.	В
В.	С.
С.	а



р 0,5109 0,060.

8.

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

9.

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

10. _____

11.

1.	В.
2.	Д
3.	П
4.	А.
5.	Б

[Empty box for score]

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
eki	shiti	bir	shishi noyu	5.

2.

1.	A
2.	HE
3.	D
4.	B
5.	r
6.	E
7.	K

5.

1.	birinchi
2.	ekinchi
3.	birinchi
4.	ekinchi
5.	ekinchi
6.	birinchi

3.

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

6.

1.	цитозоль
2.	цитоплазма тасымал
3.	вакуоль
4.	цитоплазмалық ағым
5.	тоннеласт
6.	цитоплазма
7.	цитоплазма тасымал
8.	трансмембраналық тасымал
9.	цитоплазмалық ағым
10.	цитоплазмалық ағым
11.	цитоплазма

4.

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

7.

A.	40
B.	90
C.	60



р б қ а

8.

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

9.

1	2	3	4	5	6	7	8	9	10
б	к	в	з	г	же	д	е	ч	г

10. А мен В - 3% А мен В - 14-8%

11.

1.	б
2.	г
3.	а
4.	в
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 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 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 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 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 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 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 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 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 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 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 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 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 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
2	3	1	4	5

2.

1.	ж
2.	д
3.	т
4.	е
5.	с
6.	о
7.	б

5.

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

3.

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

6.

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

4.

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

7.

A.	570
B.	370
C.	60



р 3 қ 5

8.

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

9.

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

10. АВ, АС, АК, ВС, АМ, ВМ, КМ

11.

1.	А
2.	Б
3.	Г
4.	Д
5.	В

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 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 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 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 checked="" 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 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 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 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 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 checked="" 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 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 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 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 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 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 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 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 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 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 | | | | | | |

Район 2022 (7683)



Часть В

1.

A	Б	В	Г	Д
2	5	1	3	4

2.

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

5.

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

3.

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

6.

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

4.

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

7.

A.	3508
B.	54
C.	33



p 0,570 q 0,060

8.

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

9.

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

10. _____

11.

1.	Б
2.	Д
3.	В
4.	А
5.	Г

[Empty box for score]

Часть А

ШИФР (заполняется организатором)

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

Часть В

1.

А	Б	В	Г	Д
1	2	4	2	3

2.

1.	Ж
2.	Г
3.	А
4.	Б
5.	Д
6.	Е
7.	Е

5.

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

3.

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

6.

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

4.

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

7.

A.
B.
C.

р АА қ СС

8.

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

9.

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

10. _____

11.

1.	Д
2.	А
3.	Б
4.	Б
5.	Г

[Empty box for score]

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
2	1	4	5	3

2.

1.	и
2.	в
3.	к
4.	Δ
5.	Г
6.	А
7.	Б

5.

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

3.

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

6.

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

4.

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

7.

A.	р
B.	р
C.	q



p AB q 9

8.

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

9.

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

10. _____

11.

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