

Часть А

ШИФР (заполняется организатором)

2-016-bio9-001

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	4	1	5	3

2.

1.	Ж
2.	Д
3.	Г
4.	Б
5.	А
6.	В
7.	Б

5.

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

3.

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

6.

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

4.

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

7.

A.
B.
C.

p _____ q _____

8.

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

9.

1	2	3	4	5	6	7	8	9	10
A	B	C	D	E	F	G	H	I	J

10. K, M, P, Q, R, S, T, U, V, W, X, Y, Z

11.

1.	B
2.	T
3.	C
4.	F
5.	A

Часть А

ШИФР (заполняется организатором)

2-016-bio9-002

ZIPGRADE.COM

Район 2022 (7683)

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

Часть В

1.

А	Б	В	Г	Д
1	2	4	5	8

2.

1.	X
2.	Б
3.	Г
4.	Е
5.	А
6.	В
7.	А

5.

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

3.

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

6.

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

4.

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

7.

A.	114
B.	74
C.	12

p 0,570 q 0,430

8.

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

9.

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

10. КМВАС

11.

1.	В
2.	Б
3.	А
4.	А
5.	Г

Часть А

ШИФР (заполняется организатором)

2-016-bio9-003

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	5	4	1	3

2.

1.	A
2.	K
3.	B
4.	G
5.	D
6.	T
7.	E

5.

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

3.

1.	6
2.	21
3.	5
4.	8
5.	10
6.	3
7.	4
8.	2
9.	2
10.	9

6.

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

4.

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

7.

A.	1
B.	3
C.	2

р 18 қ 02

8.

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

9.

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

10. _____

11.

1.	Д
2.	Ғ
3.	В
4.	Б
5.	А

Часть А

ШИФР (заполняется организатором)

2-016-bio9-004

ZIPGRADE.COM

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

Район 2022 (7683)



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

Часть В

1.

А	Б	В	Г	Д
2	3	1	5	4

2.

1.	Е
2.	В
3.	Д
4.	А
5.	Б
6.	Г
7.	А

5.

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

3.

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

6.

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

4.

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

7.

A.	5
B.	2
C.	1

р $\frac{1}{10}$ қ $\frac{1}{10}$ 5

8.

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

9.

1	2	3	4	5	6	7	8	9	10
B	5	A	ye	D	Г	3	k	a	E

10. $B_{\text{M}} = 5\%$, $K_{\text{M}} = 14\%$

11.

1.	F
2.	6
3.	A
4.	B
5.	D

Часть А

ШИФР (заполняется организатором)

2-016-bio9-005

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	5	1	4

2.

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

5.

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

3.

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

6.

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

4.

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

7.

A.	1
B.	2
C.	5

р 1 q 5

8.

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

9.

1	2	3	4	5	6	7	8	9	10
R	T	B	M	3	Q	A	E	U	V

10. _____

11.

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

Часть А

ШИФР (заполняется организатором)

2-016-bio9-006

ZIPGRADE.COM

Район 2022 (7683)

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

Часть В

1.

А	Б	В	Г	Д
1	2	4	5	3

2.

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

5.

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

3.

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

6.

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

4.

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

7.

А.	5%
В.	30%
С.	6%

р 0,572 q 0,462

8.

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

9.

1	2	3	4	5	6	7	8	9	10
K	5	A	E	3	A	Г	B	И	Ж

10. -4, 3, 6, 8, -9, -1/2, 5, -2

11.

1.	5
2.	B
3.	A
4.	Г
5.	A

Часть А

ШИФР (заполняется организатором)

2-016-bio9-007

ZIPGRADE.COM

Район 2022 (7683)

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

Часть В

1.

А	Б	В	Г	Д
1	2	3 жана	4 5	5 4

2.

1.	X
2.	5
3.	Г
4.	Е
5.	А
6.	Б
7.	В

5.

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

3.

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

6.

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

4.

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

7.

A	2
B	1
C	5

р 2.000 қ 0.610

8.

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

9.

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

10. 8 млн 0-7%

11.

1.	Б
2.	А
3.	Г
4.	В
5.	Д

Часть А

ШИОР (исполняется организатором)

2-016-bio9-008

ZIPGRADE.COM

Район 2022 (7683)

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

Часть В

1.

А	Б	В	Г	Д
2	3	5	1	4

2.

1.	М
2.	В
3.	Г
4.	Д
5.	Б
6.	А
7.	Ж

5.

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

3.

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

6.

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

4.

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

7.

A.
B.
C.

р 1 қ 5

8.

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

9.

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

10. _____

11.

1.	0
2.	5
3.	4
4.	7
5.	3

Часть А

ШИФР (заполняется организатором)

2-016-bio9-009

ZIPGRADE.COM

Район 2022 (7683)

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

Часть В

1.

А	Б	В	Г	Д
1) бір	2) екі	3) үш	4) бірнеше бұрышты төртбұрыш	5) бірнеше молекулалар

2.

1.	ж
2.	б
3.	г
4.	е
5.	д
6.	в
7.	з

5.

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

3.

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

6.

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

4.

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

7.

A	9,300
B	9,500
C	9,000

Қатысушының шешімдерін толтыруға арналған өріс / Поле для заполнения решений участника

Парақ / Страница №

0,370
 р 9060 а 9,570

8.

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

9.

1	2	3	4	5	6	7	8	9	10
к	к	к	в	р	е	т	4	8	3

10. В жана 6 070

11.

1.	Б
2.	А
3.	2
4.	В
5.	Д

Часть А

ШИФР (заполняется организатором)

2-016-bio9-010

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	5	1

2.

1.	А
2.	Д
3.	Е
4.	Б
5.	Г
6.	В
7.	Ж

5.

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

3.

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

6.

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

4.

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

7.

А.	0,65
В.	1,2
С.	3,65

p 12 q 18

8.

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

9.

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

10. A-B; A-M; B-C; A-C; A-K; B-K; B-M; K-M;

11.

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

Часть А

ШИФР (заполняется организатором)

2-016-bio9-011

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
3	4	2	1	5

2.

1.	М
2.	А В
3.	А
4.	Е
5.	Г
6.	5
7.	9

5.

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

3.

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

6.

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

4.

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

7.

A.	0,060
B.	0,570
C.	0,590

0,110, 0,6070

8.

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

9.

1	2	3	4	5	6	7	8	9	10
Е	Г	8	И	Б	Х	3	*	Ж	В

10. ВУК - 7%, ХУС - 4%, ХУК - 6%, ХУМ - 8%, ХУВ - 3%, ВУЛ - 1%, ВУМ - 14%

11.

1.	g
2.	h
3.	δ
4.	λ
5.	Γ

Часть А

ШИФР (заполняется организатором)

2-016-bio9-012

ZIPGRADE.COM

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

Район 2022 (7683)

Часть В

1.

А	Б	В	Г	Д
2	5	4	1	3

2.

1.	π
2.	0
3.	2
4.	ε
5.	A
6.	B
7.	δ

5.

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

3.

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

6.

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

4.

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

7.

A.
B.
C.

р _____ ғ _____

8.

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

9.

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

10. _____

11.

1.	Б
2.	Г
3.	А
4.	О
5.	Б

Часть А

ШИФР (заполняется организатором)

2-016-bio9-013

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	4	2	1	5

2.

1.	24
2.	3
3.	4
4.	2
5.	1
6.	3
7.	0

5.

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

3.

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

6.

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

4.

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

7.

A.	26
B.	47
C.	59

р 120 қ 05

8.

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

9.

1	2	3	4	5	6	7	8	9	10
Б	А	С	О	Е	И	З	Н	Ж	Э

10. Б и С

11.

1.	В
2.	В
3.	А
4.	Д
5.	Н

Часть А

ШИФР (заполняется организатором)

2-016-bio9-014

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Район 2022 (7683)

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

Часть В

1.

А	Б	В	Г	Д
3	2	1	5	4

2.

1.	В
2.	3
3.	2
4.	А
5.	Б
6.	Е
7.	А

5.

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

3.

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

6.

1.	3
2.	11
3.	7
4.	5
5.	10
6.	2
7.	4
8.	66
9.	1
10.	8
11.	9

4.

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

7.

А	3
В	2
С	1

АКМ АКМ АКМ АКМ АКМ АКМ

Қатысушының шешімдерін толтыруға арналған өріс / Поле для заполнения решений участника

Парақ / Страница №

р 0,330 қ 0,060

8.

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

9.

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

10. 39%, +4%, +5%, +6%, 7%, 98,19%

11.

1.	9
2.	Б
3.	а
4.	В
5.	Г

Часть А

ШИФР (заполняется организатором)

2-016-bio9-015

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)	5)	4)	1)

2.

1.	В
2.	Ж
3.	А
4.	Г
5.	Е
6.	Б
7.	Д Ж

5.

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

6.

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

3.

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

4.

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

7.

А.	1,420
В.	1,120
С.	0,860

Р _____ я _____

8.

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

9.

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

10. _____

11.

1.	Г
2.	А
3.	В
4.	А
5.	В

Часть А

ШИФР (заполняется организатором)

2-016-bio9-016

ZIPGRADE.COM

Район 2022 (7683)

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

Часть В

1.

А	Б	В	Г	Д
1	2	4	5	3

2.

1.	Г
2.	Б
3.	А
4.	Д
5.	В
6.	Б
7.	Б

5.

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

3.

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

6.

1.	4
2.	0
3.	2
4.	5
5.	9
6.	3
7.	1
8.	10
9.	7
10.	11
11.	8

4.

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

7.

A.	140
B.	48
C.	12

р 0000 қ 0000

8.

1.	4
2.	3
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
D	B	A	E	S	B	A	E	A	T

10. ЕвД; БуЕ; Аид; БуЕ; БуД; Аид; Аид

11.

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

Часть А

ШИФР (заполняется организатором)

2-016-bio9-017

ZIPGRADE.COM

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

Район 2022 (7683)

Часть В

1.

А	Б	В	Г	Д
1	2	4	5	3

2.

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

5.

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

3.

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

6.

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

4.

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

7.

A.
B.
C.



p _____ q _____

8.

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

9.

1	2	3	4	5	6	7	8	9	10

10. _____

11.

1.
2.
3.
4.
5.