

Часть А

ШИФР (заполняется организатором)

2-016-bio11-001

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
1	2	4	5	3

2.

1.	жс
2.	д
3.	а
4.	е
5.	з
6.	б
7.	г

5.

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

3.

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

6.

1.	4 5
2.	3
3.	3
4.	1
5.	7
6.	6
7.	4
8.	8
9.	8
10.	11
11.	28

4.

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

7.

A.	114
B.	74
C.	12

p 50% q 50%

8.

1.	4
2.	10
3.	7
4.	206
5.	88
6.	2
7.	7
8.	5
9.	9
10.	3

9.

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

10. _____

11.

1.	б
2.	8
3.	5
4.	а
5.	82

Часть А

ШИФР (заполняется организатором)

2-016-bio11-002

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
2	1	4	5	3

2.

1.	А
2.	В
3.	Г
4.	Е
5.	Д
6.	Б
7.	Ж

3.

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

4.

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

5.

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

6.

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

7.

A.	
B.	✓
C.	

$$p + q =$$

8.

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

9.

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

$$10. A \cup B \rightarrow A \cup C \rightarrow B \cup D \rightarrow A \cup K \rightarrow B \cup C \rightarrow A \cup D \rightarrow B \cup K \rightarrow K \cup D$$

11.

1.	Б
2.	Г
3.	А
4.	Д
5.	В

Часть А

ШИФР (заполняется организатором)

2-016-bio11-003

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
4	2	1	5	3

2.

1.	Н
2.	В
3.	А
4.	Е
5.	Г
6.	Б
7.	Д

5.

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

3.

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

6.

1.	1
2.	8 3
3.	2
4.	7
5.	10
6.	8
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.	5467
C.	1924

р. 114 қ. 12

8.

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

9.

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

10. АМКВ

11.

1.	В
2.	Б
3.	А
4.	Г
5.	Д

Часть А

ШИОР (заполняется организатором)

2-016-bio11-004

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	5	4	2	3

2.

1.	И
2.	Г
3.	А
4.	В
5.	Д
6.	Е
7.	5

5.

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

3.

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

6.

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

4.

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

7.

A.	2
B.	5
C.	1

р _____ қ _____

8.

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

9.

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

10. КМ ВКВМАВАСАМВСАК

11.

1.	Б
2.	А
3.	В
4.	Д
5.	Г

Часть А

ШИФР (заполняется организатором)

2-016-bio11-005

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	1	3	5	4

2.

1.	Д
2.	Н
3.	А
4.	Е
5.	В
6.	Б
7.	Т

5.

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

3.

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

6.

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

4.

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

7.

A.	57
B.	37
C.	600

р AA q aa

8.

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

9.

1	2	3	4	5	6	7	8	9	10
K	Г	Е	K	3	Q	И	B	Б	A

10. $A_{100}B - 2\%$, $A_{100}C - 4\%$, $A_{100}K - 6\%$, $A_{100}M - 2\%$, $B_{100}M - 5\%$
 $B_{100}C - 7\%$, $B_{100}K - 9\%$, $K_{100}M - 14\%$.

11.

1.	Г
2.	Q
3.	A
4.	B
5.	Б

Часть А

ШИФР (заполняется организатором)

2-016-bio11-006

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	3	4	2	5

2.

1.	Ж
2.	Д
3.	Г
4.	Е
5.	А
6.	Б
7.	В

5.

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

3.

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

6.

1.	2
2.	8
3.	86
4.	145
5.	211
6.	3
7.	1
8.	10
9.	2
10.	9
11.	4

4.

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

7.

A.
B.
C.

7. 2529 3450

8.

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

9.

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

10. М, К, Р, А

11.

1.	А
2.	Б
3.	В
4.	Г
5.	Д

Часть А

ШИОР (заполняется организатором)

~~2-016-bio11-007~~

ZIPGRADE.COM

Район 2022 (7683)

[illegible]

Парақаттан артық жағын тексеріңіз / Обратную сторону письма не зачитывать.

BASAGITAN MESITYLPHOSPHATE
 USP CAPSULES (NDC 0071-01)
 JAPANESE PRODUCT (NDC 0071-01) (NDC 0071-01)
 JAPANESE PRODUCT (NDC 0071-01) (NDC 0071-01)

Часть В

1.

А	Б	В	Г	Д
3	3	4	5	4

2.

1.	Ж
2.	Б
3.	А
4.	Е
5.	Г
6.	В
7.	Д

3.

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

3.

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

6.

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

4.

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

7.

A.	1
B.	2
C.	3



р 0,510 а 0,060

8.

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

9.

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

10. КСАВМ

11.

1.	Б
2.	Б
3.	О
4.	А
5.	Г

Часть А

ШИФР (заполняется организатором)

2-016-bio11-008

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	2	1	5	4

2.

1.	Д
2.	Ж
3.	А
4.	Е
5.	В
6.	Б
7.	З

5.

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

3.

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

6.

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

4.

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

7.

А	0,580
В	0,372
С	0,065

р A q a

8.

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

9.

1	2	3	4	5	6	7	8	9	10
K	Q	X	E	3	B	T	Б	A	U.

10. A жж B-3%, A ж/с C-4%, B ж/с M-5%, A ж/с K-6%, B ж/с C-7%,
A ж/с M-8%, B ж/с K-9%, K ж/с M-14%.

11.

1.	A
2.	T
3.	Б
4.	Q
5.	B.