**Класс**

**Шифр**

МАТРИЦА ОТВЕТОВ

на задания теоретического тура муниципального этапа Всероссийской олимпиады школьников по биологии. 2024-25 уч. год.

11 класс

Рекомендуемое время выполнения заданий -120 мин.

Часть I. Общее количество баллов – 30 (за каждый правильный ответ – 1 балл).

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **№** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** |
| **1-10** | **c** | **b** | **c** | **d** | **c** | **d** | **b** | **b** | **c** | **c** |
| **11-20** | **b** | **a** | **b** | **c** | **d** | **b** | **d** | **b** | **a** | **d** |
| **20-30** | **c** | **b** | **c** | **b** | **c** | **b** | **a** | **c** | **c** | **a** |

Часть II. Общее количество баллов – 25 (по 0,5 балла за каждый верный выбор, максимум 2,5 балла за задание).

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **№** | **1** | | **2** | | **3** | | **4** | | **5** | |
|  | **да** | **нет** | **да** | **нет** | **да** | **нет** | **да** | **нет** | **да** | **нет** |
| **а** | **X** |  |  | **X** |  | **X** | **X** |  |  | **X** |
| **b** | **X** |  | **X** |  | **X** |  |  | **X** |  | **X** |
| **c** |  | **X** | **X** |  |  | **X** |  | **X** | **X** |  |
| **d** | **X** |  |  | **X** |  | **X** | **X** |  | **X** |  |
| **e** |  | **X** | **X** |  | **X** |  | **X** |  | **X** |  |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **№** | **6** | | **7** | | **8** | | **9** | | **10** | |
|  | **да** | **нет** | **да** | **нет** | **да** | **нет** | **да** | **нет** | **да** | **нет** |
| **а** | **X** |  |  | **X** | **X** |  |  | **X** | **X** |  |
| **b** | **X** |  | **X** |  |  | **X** | **X** |  |  |  |
| **c** |  | **X** | **X** |  |  | **X** | **X** |  | **X** |  |
| **d** | **X** |  |  | **X** | **X** |  | **X** |  | **X** |  |
| **e** |  | **X** |  | **X** | **X** |  |  | **X** |  | **X** |

Часть III. Всего 20 баллов (по 0,5 балла за каждый верный выбор).

1. **[max. 5 баллов].**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Растения** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** |
| **Жизненная форма** | **B** | **C** | **A** | **D** | **E** | **D** | **C** | **D** | **A** | **B** |

1. **[max. 6 баллов].**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **признаки** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** |
| **Класс животного** | **А** | **С** | **B** | **D** | **B** | **A** | **D** | **A** | **B** | **D** | **C** | **D** |

1. **[max. 3 балла].**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Структура клетки** | **1** | **2** | **3** | **4** | **5** | **6** |
| **компонент** | **C** | **A** | **B** | **E** | **F** | **D** |

1. **[max. 3 балла].**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Болезнь** | **1** | **2** | **3** | **4** | **5** | **6** |
| **Тип мутации** | **C** | **C** | **B** | **A** | **A** | **А** |

1. **[max. 3 балла].**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Очерёдность** | **1** | **2** | **3** | **4** | **5** | **6** |
| **Слои** | **c** | **b** | **a** | **e** | **f** | **d** |

Максимальное количество баллов- 75.