**Класс**

**Шифр**

МАТРИЦА ОТВЕТОВ

на задания теоретического тура муниципального этапа Всероссийской олимпиады школьников по биологии. 2025-26 уч. год.

11 класс. *Максимальное количество баллов- 90,5*

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** | **б** | **г** | **г** | **в** | **г** | **в** | **б** | **б** | **в** | **б** |
| **11-20** | **в** | **б** | **г** | **б** | **а** | **б** | **г** | **в** | **г** | **в** |
| **20-30** | **г** | **в** | **б** | **а** | **г** | **в** | **а** | **в** | **г** | **а** |

Часть II. Общее количество баллов – 37,5 (по 2,5 балла за каждый верный выбор).

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| **№** | **1** | | **2** | | **3** | | **4** | | **5** | | **6** | | **7** | |
|  | **да** | **нет** | **да** | **нет** | **да** | **нет** | **да** | **нет** | **да** | **нет** | **да** | **нет** | **да** | **нет** |
| **а** |  | **Х** |  | **Х** | **Х** |  |  | **Х** |  | **Х** |  | **Х** |  | **Х** |
| **б** |  | **Х** | **Х** |  |  | **Х** | **Х** |  |  | **Х** |  | **Х** | **Х** |  |
| **в** | **Х** |  | **Х** |  |  | **Х** |  | **Х** | **Х** |  | **Х** |  | **Х** |  |
| **г** | **Х** |  |  | **Х** | **Х** |  |  | **Х** | **Х** |  | **Х** |  |  | **Х** |
| **д** | **Х** |  |  | **Х** | **Х** |  | **Х** |  | **Х** |  | **Х** |  | **Х** |  |

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| **№** | **8** | | **9** | | **10** | | **11** | | **12** | | **13** | | **14** | | **15** | |
|  | **да** | **нет** | **да** | **нет** | **да** | **нет** | **да** | **нет** | **да** | **нет** | **да** | **нет** | **да** | **нет** | **да** | **нет** |
| **а** | **Х** |  | **Х** |  | **Х** |  |  | **Х** |  | **Х** | **Х** |  |  | **Х** | **Х** |  |
| **б** |  | **Х** |  | **Х** |  | **Х** | **Х** |  |  | **Х** | **Х** |  | **Х** |  | **Х** |  |
| **в** | **Х** |  | **Х** |  | **Х** |  | **Х** |  | **Х** |  | **Х** |  | **Х** |  | **Х** |  |
| **г** | **Х** |  |  | **Х** | **Х** |  |  | **Х** |  | **Х** | **Х** |  | **Х** |  |  | **Х** |
| **д** | **Х** |  | **Х** |  | **Х** |  | **Х** |  | **Х** |  |  | **Х** | **Х** |  | **Х** |  |

Часть III. Всего 23 балла.

1. **[макс. 4 балла, по 0,5 за каждый верный выбор].**

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| **Белки** | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| **Структуры**  **клетки** | А | А | Г | В | И | А | И | Ж |

1. **[макс. 6 баллов, по 1 б. за каждый верный ]**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Медиаторы** | **1** | **2** | **3** | **4** | **5** | **6** |
| **особенности** | В | А | Б | Е | Г | Д |

1. **[макс. 7 баллов, по 1 за каждый верный]**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **симптомы** | **1** | **2** | **3** | **4** | **5** | **6** | **7** |
| **Нарушения** | **Ж** | **К** | **Е** | **И** | **Б** | **Г** | **З** |

1. **[макс. 6 баллов, по 1 б за каждый верный ]**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Родословная** | **1** | **2** | **3** | **4** | **5** | **6** |
| **Тип наследования признака** | **Б** | **В** | **Д** | **Г** | **Е** | **А** |