**Фамилия \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Шифр \_\_\_\_\_\_\_\_\_\_\_\_\_**

**Имя \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Класс \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**МАТРИЦА ОТВЕТОВ**

**на задания теоретического тура муниципального этапа Всероссийской олимпиады школьников по биологии. 2017-18 уч. год.**

**11 класс**

***Рекомендуемое время выполнения заданий -180 мин.***

**Часть 1. [60 баллов]**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| № | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 1-10 |  |  |  |  |  |  |  |  |  |  |
| 11-20 |  |  |  |  |  |  |  |  |  |  |
| 21-30 |  |  |  |  |  |  |  |  |  |  |
| 31-40 |  |  |  |  |  |  |  |  |  |  |
| 41-50 |  |  |  |  |  |  |  |  |  |  |
| 51-60 |  |  |  |  |  |  |  |  |  |  |

**Часть 2. [30 баллов]**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| № | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 1-10 |  |  |  |  |  |  |  |  |  |  |
| № | 11 | 12 | 13 | 14 | 15 |
| 1-10 |  |  |  |  |  |

**Часть 3. [25 баллов]**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| № | 1 | 2 | 3 | 4 | | 5 | 6 | 7 | 8 | 9 | 10 |
| «да» |  |  |  |  | |  |  |  |  |  |  |
| «нет» |  |  |  |  | |  |  |  |  |  |  |
| № | 11 | 12 | 13 | 14 | | 15 | 16 | 17 | 18 | 19 | 20 |
| «да» |  |  |  |  | |  |  |  |  |  |  |
| «нет» |  |  |  |  | |  |  |  |  |  |  |
| № | 21 | 22 | 23 | 24 | 25 | |
| «да» |  |  |  |  |  | |
| «нет» |  |  |  |  |  | |

**Часть 4. (12 баллов)**

1. **[мах. 2,5 балла]**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Растение** | **А** | **Б** | **В** | **Г** | **Д** |
| **Плод** |  |  |  |  |  |

1. **[мах. 2,5 балла]**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Ритм ЭЭГ** | **А** | **Б** | **В** | **Г** | **Д** |
| **Состояние организма** |  |  |  |  |  |

1. **[мах. 2 балла]**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Животное** | **1** | **2** | **3** | **4** |
| **Процесс** |  |  |  |  |

1. **[мах. 2,5балла]**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Тип отбора** | **А** | **Б** | **В** | **Г** | **Д** |
| **Пример** |  |  |  |  |  |

1. **[мах. 2,5 балла]**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Характеристика изменчивости** | **1** | **2** | **3** | **4** | **5** |
| **Вид изменчивости** |  |  |  |  |  |

**Максимальное количество баллов – 127**