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

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

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

**МАТРИЦА ОТВЕТОВ**

**на задания теоретического тура муниципального этапа Всероссийской олимпиады школьников по биологии. 2019-20 уч. год.**

**10 класс**

***Рекомендуемое время выполнения заданий -120 мин.***

**Часть 1. [25 баллов]**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| № | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 1-10 | г | в | б | в | б | г | а | а | в | а |
| 11-20 | г | а | в | в | б | б | а | б | б | г |
| 21-25 | в | в | г | в | б |

**Часть 2. [20 баллов]**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| № | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 1-10 | г | в | г | в | а | б | б | в | д | а |

**Часть 3. [10 баллов]**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| № | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| «да» |  | **+** | **+** |  |  | **+** |  |  |  | + |
| «нет» | **+** |  |  | **+** | **+** |  | **+** | **+** | + |  |

**Часть 4. [9 баллов]**

1. **[max 2,5 балла]**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Процесс** | **А** | **Б** | **В** | **Г** | **Д** |
| **Группа** | **1** | **2** | **3** | **4** | **4** |

1. **[max 2,5 балла]**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Соединение** | **А** | **Б** | **В** | **Г** | **Д** |
| **Функция** | **4** | **5** | **2** | **3** | **1** |

1. **[max 2 балла]**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Стадия развития** | **1** | **2** | **3** | **4** |
| **Название** | **Г** | **А** | **Б** | **В** |

1. **[max 2 балла]**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Звенья пищевой цепи** | **1** | **2** | **3** | **4** |
| **Изменение численности** | **Б** | **А** | **Б** | **Б** |

**Максимальное количество баллов – 64**