# Фамилия \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Шифр \_\_\_\_\_\_\_\_\_\_\_\_\_

Имя \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Матрица ответов
на задания теоретического тура школьного этапа
XXХVII Всероссийской олимпиады школьников по биологии. 2020-21 уч. год
5 класс [мах. 27,5 баллов]**

**Часть 1. [10 баллов]**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** |
| **1-10** |  |  |  |  |  |  |  |  |  |  |

**Часть 2. [10 баллов]**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **1** | **2** | **3** | **4** | **5** |
| **1-10** |  |  |  |  |  |

**Часть 3. [5 баллов]**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **№** | **1** | **2** | **3** | **4** | **5** |
| прав. "ДА" |  |  |  |  |  |
| неправ "НЕТ" |  |  |  |  |  |

**Часть 4. [2,5 балла]**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Организмы  | **А** | **Б** | **В** | **Г** | **Д** |
| Способ питания  |  |  |  |  |  |

**Проверил Ф.И.О. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Перепроверил Ф.И.О.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Итого \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ баллов**

# Фамилия \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Шифр \_\_\_\_\_\_\_\_\_\_\_\_\_

Имя \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Матрица ответов
на задания теоретического тура школьного этапа
XXХVII Всероссийской олимпиады школьников по биологии. 2020-21 уч. год
6 класс [мах. 28 баллов]**

**Часть 1. [10 баллов]**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** |
| **1-10** |  |  |  |  |  |  |  |  |  |  |

**Часть 2. [10 баллов]**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **1** | **2** | **3** | **4** | **5** |
| **1-10** |  |  |  |  |  |

**Часть 3. [5 баллов]**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **№** | **1** | **2** | **3** | **4** | **5** |
| прав. "ДА" |  |  |  |  |  |
| неправ "НЕТ" |  |  |  |  |  |

**Часть 4. [3 балла]**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Растения  | **А** | **Б** | **В** | **Г** | **Д** | **Е** |
| Отделы  |  |  |  |  |  |  |

**Проверил Ф.И.О. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Перепроверил Ф.И.О.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Итого \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ баллов**

# Фамилия \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Шифр \_\_\_\_\_\_\_\_\_\_\_\_\_

Имя \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Матрица ответов
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XXХVII Всероссийской олимпиады школьников по биологии. 2020-21 уч. год
7 класс [мах. 33 балла]**

**Часть 1. [15 баллов]**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** |
| **1-10** |  |  |  |  |  |  |  |  |  |  |
| **11 - 15** |  |  |  |  |  |  |

**Часть 2. [10 баллов]**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **1** | **2** | **3** | **4** | **5** |
| **1-10** |  |  |  |  |  |

**Часть 3. [5 баллов]**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **№** | **1** | **2** | **3** | **4** | **5** |
| прав. "ДА" |  |  |  |  |  |
| неправ "НЕТ" |  |  |  |  |  |

**Часть 4. [3 балла]**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Животное  | **А** | **Б** | **В** | **Г** | **Д** | **Е** |
| Класс  |  |  |  |  |  |  |

**Проверил Ф.И.О. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Перепроверил Ф.И.О.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Итого \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ баллов**

# Фамилия \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Шифр \_\_\_\_\_\_\_\_\_\_\_\_\_

Имя \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Матрица ответов
на задания теоретического тура школьного этапа
XXХVII Всероссийской олимпиады школьников по биологии. 2020-21 уч. год
8 класс [мах. 35 баллов]**

**Часть 1. [15 баллов]**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** |
| **1-10** |  |  |  |  |  |  |  |  |  |  |
| **11 - 15** |  |  |  |  |  |  |

**Часть 2. [10 баллов]**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **1** | **2** | **3** | **4** | **5** |
| **1-5** |  |  |  |  |  |

**Часть 3. [5 баллов]**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **№** | **1** | **2** | **3** | **4** | **5** |
| прав. "ДА" |  |  |  |  |  |
| неправ "НЕТ" |  |  |  |  |  |

**Часть 4. Задание 1 [2,5 балла]**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Личинки**  | **1** | **2** | **3** | **4** | **5** |
| **Таксоны**  |  |  |  |  |  |

**Задание 2. [2,5 балла]**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Строка**  | **1** | **2** | **3** | **5** | **5** |
| **Животное**  |  |  |  |  |  |

**Проверил Ф.И.О. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Перепроверил Ф.И.О.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Итого \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ баллов**

# Фамилия \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Шифр \_\_\_\_\_\_\_\_\_\_\_\_\_

Имя \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Матрица ответов
на задания теоретического тура школьного этапа
XXХVII Всероссийской олимпиады школьников по биологии. 2020-21 уч. год
9 класс [мах. 56 баллов]**

**Часть 1. [20 баллов]**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** |
| **1-10** |  |  |  |  |  |  |  |  |  |  |
| **11 – 20** |  |  |  |  |  |  |  |  |  |  |

**Часть 2. [20 баллов]**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** |
| **1-10** |  |  |  |  |  |  |  |  |  |  |

**Часть 3. [10 баллов]**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **№** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** |
| прав. "ДА" |  |  |  |  |  |  |  |  |  |  |
| неправ "НЕТ" |  |  |  |  |  |  |  |  |  |  |

**Часть 4. Всего 6 баллов. Задание 1 [2,5 балла]**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Органоид** | **1** | **2** | **3** | **4** | **5** |
| **Процесс** |  |  |  |  |  |

**Задание 2. [3,5 балла]**

|  |  |  |
| --- | --- | --- |
| Железы внешней секреции | Железы внутренней секреции | Железы смешанной секреции |
|  |  |  |

**Проверил Ф.И.О. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Перепроверил Ф.И.О.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Итого \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ баллов**

# Фамилия \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Шифр \_\_\_\_\_\_\_\_\_\_\_\_\_

Имя \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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10 класс [мах. 66,5баллов]**

**Часть 1. [25 баллов]**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** |
| **1-10** |  |  |  |  |  |  |  |  |  |  |
| **11 – 20** |  |  |  |  |  |  |  |  |  |  |
| **21 - 25** |  |  |  |  |  |  |

**Часть 2. [20 баллов]**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** |
| **1-10** |  |  |  |  |  |  |  |  |  |  |

**Часть 3. [10 баллов]**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **№** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** |
| прав. "ДА" |  |  |  |  |  |  |  |  |  |  |
| неправ "НЕТ" |  |  |  |  |  |  |  |  |  |  |

**Часть 4. Задание 1 [2,5 балла]**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Животное**  | **А** | **Б** | **В** | **Г** | **Д** |
| **Зубная формула** |  |  |  |  |  |

**Задание 2 [4 балла, по 0,5 балла]**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Конечность**  | 1 | 2 | 3 | 4 | 5 | 6  | 7 | 8 |
| **Функции**  |  |  |  |  |  |  |  |  |

**Задание 3. 5 баллов]**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Род растения** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** |
| **Жизненная форма** |  |  |  |  |  |  |  |  |  |  |

**Проверил Ф.И.О. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Перепроверил Ф.И.О.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Итого \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ баллов**

# Фамилия \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Шифр \_\_\_\_\_\_\_\_\_\_\_\_\_

Имя \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Матрица ответов
на задания теоретического тура школьного этапа
XXХVII Всероссийской олимпиады школьников по биологии. 2020-21 уч. год
11 класс [мах. 76,5 баллов]**

**Часть 1. [30 баллов]**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** |
| **1-10** |  |  |  |  |  |  |  |  |  |  |
| **11 – 20** |  |  |  |  |  |  |  |  |  |  |
| **21 – 30** |  |  |  |  |  |  |  |  |  |  |

**Часть 2. [20 баллов]**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** |
| **1-10** |  |  |  |  |  |  |  |  |  |  |

**Часть 3. [10 баллов]**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **№** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** |
| прав. "ДА" |  |  |  |  |  |  |  |  |  |  |
| неправ "НЕТ" |  |  |  |  |  |  |  |  |  |  |

**Часть 4. Всего 16,5 баллов Задание 1 [3 балла]**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Признаки**  | **А** | **Б** | **В** | **Г** | **Д** | **Е** |
| **Форменные элементы** |  |  |  |  |  |  |

**Задание 2. [3 балла]**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Процессы**  | **1** | **2** | **3** | **4** | **5** | **6** |
| **Органеллы**  |  |  |  |  |  |  |

**Задание 3. [5 баллов]**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Взрослый организм** | **1** | **2** | **3** | **4** | **5** |
| **Гамета** |  |  |  |  |  |
| **Тип гаметы** |  |  |  |  |  |

**Задание 4. [3 балла]**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Конечные продукты биотехнологического процесса** | **1** | **2** | **3** | **4** | **5** | **6** |
| **Микроорганизмы** |  |  |  |  |  |  |

**Задание 5**. **[2,5 балла]**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Стадии** | **1** | **2** | **3** | **4** | **5** |
| **Характеристика** |  |  |  |  |  |

**Проверил Ф.И.О. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Перепроверил Ф.И.О.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Итого \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ баллов**