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

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

**Матрица ответов   
на задания теоретического тура школьного этапа   
XXХV Всероссийской олимпиады школьников по биологии. 2018-19 уч. год  
5 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]**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Цветок | **А** | **Б** | **В** | **Г** | **Д** | **Е** |
| Способ опыления |  |  |  |  |  |  |

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

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

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

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

**Матрица ответов   
на задания теоретического тура школьного этапа   
XXХV Всероссийской олимпиады школьников по биологии. 2018-19 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]**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Цветок | **А** | **Б** | **В** | **Г** | **Д** | **Е** |
| Способ опыления |  |  |  |  |  |  |

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

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

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

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

**Матрица ответов   
на задания теоретического тура школьного этапа   
XXХV Всероссийской олимпиады школьников по биологии. 2018-19 уч. год  
7 класс [мах. 38 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** |
| **1-10** |  |  |  |  |  |

**Часть 3. [10 баллов]**

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

**Часть 4. [3 балла]**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Насекомое | **1** | **2** | **3** | **4** | **5** | **6** |
| Тип ротового аппарата |  |  |  |  |  |  |

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

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

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

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

**Матрица ответов   
на задания теоретического тура школьного этапа   
XXХV Всероссийской олимпиады школьников по биологии. 2018-19 уч. год  
8 класс [мах. 46 баллов]**

**Часть 1. [20 баллов]**

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

**Часть 2. [10 баллов]**

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

**Часть 3. [10 баллов]**

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

**Часть 4. Задание 1 [3 балла]**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Меры профилактики** | **а** | **б** | **в** | **г** | **д** | **е** |
| **Паразит** |  |  |  |  |  |  |

**Задание 2. [3 балла]**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Растение** | **1** | **2** | **3** | **4** | **5** | **6** |
| **Плод** |  |  |  |  |  |  |

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

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

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

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

**Матрица ответов   
на задания теоретического тура школьного этапа   
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9 класс [мах. 66 баллов]**

**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. [15 баллов]**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **№** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | **13** | **14** | **15** |
| прав. "ДА" |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| неправ "НЕТ" |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**Часть 4. Задание 1 [3 балла]**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Структура растения** | **1** | **2** | **3** | **4** | **5** | **6** |
| **Функция** |  |  |  |  |  |  |

**Задание 2. [3 балла]**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Тип личинки** | **1** | **2** | **3** | **4** | **5** | **6** |
| **Таксон** |  |  |  |  |  |  |

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

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

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

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

**Матрица ответов   
на задания теоретического тура школьного этапа   
XXХV Всероссийской олимпиады школьников по биологии. 2018-19 уч. год  
10 класс [мах. 74 балла]**

**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. [15 баллов]**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **№** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | **13** | **14** | **15** |
| прав. "ДА" |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| неправ "НЕТ" |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**Часть 4. Задание 1 [3 балла]**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Продукты питания** | **1** | **2** | **3** | **4** | **5** | **6** |
| **Питательные вещества** |  |  |  |  |  |  |

**Задание 2. [3 балла]**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Функции** | **а** | **б** | **в** | **г** | **д** | **е** |
| **№ нерва** |  |  |  |  |  |  |

**Задание 3. [3 балла]**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Биохимический процесс** | **1** | **2** | **3** | **4** | **5** | **6** |
| **Клеточная структура** |  |  |  |  |  |  |

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

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

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

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

**Матрица ответов   
на задания теоретического тура школьного этапа   
XXХV Всероссийской олимпиады школьников по биологии. 2018-19 уч. год  
11 класс [мах. 90 баллов]**

**Часть 1. [30 баллов]**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** |
| **1-10** |  |  |  |  |  |  |  |  |  |  |
| **11 – 20** |  |  |  |  |  |  |  |  |  |  |
| **21 – 30** |  |  |  |  |  |  |  |  |  |  |
| **31 - 35** |  |  |  |  |  |  | | | | |

**Часть 2. [20 баллов]**

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

**Часть 3. [15 баллов]**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **№** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** |
| прав. "ДА" |  |  |  |  |  |  |  |  |  |  |
| неправ "НЕТ" |  |  |  |  |  |  |  |  |  |  |
|  | **11** | **12** | **13** | **14** | **15** | **16** | **17** | **18** | **19** | **20** |
| прав. "ДА" |  |  |  |  |  |  |  |  |  |  |
| неправ "НЕТ" |  |  |  |  |  |  |  |  |  |  |

**Часть 4. Задание 1 [3 балла]**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Продукты питания** | **1** | **2** | **3** | **4** | **5** | **6** |
| **Питательные вещества** |  |  |  |  |  |  |

**Задание 2. [3 балла]**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Функции** | **а** | **б** | **в** | **г** | **д** | **е** |
| **№ нерва** |  |  |  |  |  |  |

**Задание 3. [3 балла]**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Биохимический процесс** | **1** | **2** | **3** | **4** | **5** | **6** |
| **Клеточная структура** |  |  |  |  |  |  |

**Задание 4. [2,5 балла]**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **№** | **1** | **2** | **3** | **4** | **5** |
| **Структуры** |  |  |  |  |  |

**Задание 5**. **[3,5 балла]**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Животное** | **1** | **2** | **3** | **4** | **5** | **6** | **7** |
| **Систематическая группа** |  |  |  |  |  |  |  |

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

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