**Матрица ответов на задания муниципального этапа   
Всероссийской олимпиады школьников по биологии.   
11 класс**

**Часть 1. [30 баллов]**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** |
| **1-10** | А | А | В | В | Г | Г | В | В | А | В |
| **11-20** | Г | А | Г | В | В | В | Б | В | Б | А |
| **21-30** | Б | Б | Б | Б | Г | Б | Б | А | Б | Б |

**Часть 2. [20 баллов]**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **№** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** |
| А | + |  | + | + | + | + |  | + | + | + |
| Б |  |  |  | + |  |  |  | + | + | + |
| В |  | + | + | + |  | + | + | + |  |  |
| Г | + |  | + |  | + |  |  |  | + | + |
| Д | + | + |  | + | + |  | + |  |  |  |

**Часть 3.** **[16 баллов]**

**Задание 1. [мах. 3 балла]**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Растения** | **1** | **2** | **3** | **4** | **5** | **6** |
| **Видоизменения побега** | а | д | г | в | б | а |

**Задание 2. [мах. 3 балла]**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Цифры** | **1** | **2** | **3** | **4** | **5** | **6** |
| **Органы** | е | д | в | а | г | б |

**Задание 3.** **[мах. 2,5 балла]**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Функции** | **1** | **2** | **3** | **4** | **5** |
| **Гормон** | г | д | а | б | в |

**4.** **[мах. 4 балла]**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Признак** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** |
| **Животное** | ж | з | а | е | б | г | в | д |

**5. [мах. 3,5 балла]**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Растения** | **1** | **2** | **3** | **4** | **5** | **6** | **7** |
| **Группа растений** | б | б | а | в | в | а | б |