**2018 год**

**Всероссийская олимпиада школьников по биологии**

**Муниципальный этап**

**9 класс**

**Ответы (max.89 баллов)**

**Часть I (max. 40 баллов)**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| **1-10** | в | б | а | б | в | а | г | в | в | б |
| **11-20** | в | а | а | в | в | г | б | б | б | а |
| **21-30** | в | г | б | б | а | в | а | г | в | г |
| **31-40** | а | б | б | а | в | г | б | г | б | в |

**Часть II (max. 20 баллов)**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **1-10** | б | г | в | г | б | а | в | а | б | в |

**Часть III (max. 15 баллов)**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | **13** | **14** | **15** |
| да |  | Х |  |  | Х | Х |  |  | Х |  | Х | Х |  |  | Х |
| нет | Х |  | Х | Х |  |  | Х | Х |  | Х |  |  | Х | Х |  |

**Часть IV (max. 14 баллов)**

***Задание 1.*** (max. 3 балла)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Виды растений | 1 | 2 | 3 | 4 | 5 | 6 |
| Жизненная форма | А | А | Б | В | Б | Б |

***Задание 2.*** (max. 5 баллов)

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Животное | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Происхождение | Б | Б | Б | А | Б | Б | А | Б | А | А |

***Задание 3.*** (max 3,5 балла)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Признак | **1** | **2** | **3** | **4** | **5** | **6** | **7** |
| Организм | **А** | **Б** | **А** | **Б** | **Б** | **Б** | **А** |

***Задание 4.*** (max 2,5 балла)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Ученый | **1** | **2** | **3** | **4** | **5** |
| Вклад в науку | А | Г | В | Б | Д |