**Ответы на задания муниципального этапа   
 всероссийской олимпиады школьников по биологии.   
 2016-2017 уч. год. 8 класс**

**Задание 1. [30 баллов]**

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

**Задание 2. [25 баллов]**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **№** |  | **а** | **б** | **в** | **г** | **д** |
| **1** | **в** | **х** |  | **х** |  | **х** |
| **н** |  | **х** |  | **х** |  |
| **2** | **в** |  | **х** | **х** | **х** | **х** |
| **н** | **х** |  |  |  |  |
| **3** | **в** |  | **х** | **х** | **х** | **х** |
| **н** | **х** |  |  |  |  |
| **4** | **в** | **х** |  | **з** | **х** |  |
| **н** |  | **х** |  |  | **х** |
| **5** | **в** | **х** |  | **х** |  | **х** |
| **н** |  | **х** |  | **х** |  |

**Задание 3. [10 баллов]**

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

**Задание 4. [6 баллов]**

**1.[ 2.5 балла]**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Функции** | А | Б | В | Г | Д |
| **Органы пищеварительной системы** | 4 | 1 | 5 | 2 | 3 |

**2.[3,5 балла]**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Отряд** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | **13** | **14** |
| **Тип развития** | а | а | б | а | а | б | а | а | б | б | а | б | а | б |