**Фамилия \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Шифр \_\_\_\_\_\_\_\_\_\_\_\_\_**

**Исем \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Сыйныф \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**ҖАВАПЛАР МАТРИЦАСЫ**

**9-нчы сыйныф**

***Тәгдим ителгән вакыт -180 мин.***

**1 Бүлек. [20 балл]**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| № | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 1-10 | в | б | а | б | а | в | в | б | а | г |
| 11-20 | а | г | а | а | в | г | б | г | в | б |

**2 Бүлек. [10 балл]**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| № | 1 | 2 | 3 | 4 | 5 |
| 1-5 | в | а | б | б | а |

**3 Бүлек. [10 балл]**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| № | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| «әйе» | + |  |  | + |  |  | + | + |  | + |
| «юк» |  | + | + |  | + | + |  |  | + |  |

**4 Бүлек. [8 балл]**

1. **[мах. 2,5 балл]**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Вид** | **А** | **Б** | **В** | **Г** | **Д** |
| **Хлорофиллар** | **2** | **1** | **1** | **1** | **3** |

1. **[мах. 3 балл]**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Төр** | **А** | **Б** | **В** | **Г** | **Д** | **Е** |
| **Саны** | **1** | **2** | **1** | **2** | **1** | **1** |

1. **[мах. 2,5 балл]**

|  |  |  |
| --- | --- | --- |
| **Факторла** | **А** | **Б** |
| **Хайваннар** | **14** | **235** |

**Максималь баллар саны – 48**