Salahaddin University –Erbil College of Agricultural Engineering Sciences Animal Resources Department



Second Monthly Examination, First Semester - 2022-2023

Subject: Animal GeneticsStage:2Time:1 hourDate:5/12/2022

Kamaran Mustafa Taha

## \_\_\_\_\_ Q1/ Describe these terms. (10 Marks) 1. Karyotype 2. Pedigree chart 3. Sex chromosome 4. Inversion 5. Heterogametic sex Q2/ Answer these questions. (8 Marks) 1. What do you think about the trait seen on offspring that is not have in parents? 2. Why cannot we distinguish individual with Aa from AA in complete dominance? 3. What is the main difference of heterozygote individual in case of incomplete and codominances? Q3/What kind of these inheritance patterns are? Why? (12 Marks) A B С D Asst. Lecturer Lecturer

Dilger M. K. hudir