



MAASAI MARA UNIVERSITY

REGULAR UNIVERSITY EXAMINATIONS

2021/2022 ACADEMIC YEAR

B.SC ANIMAL HEALTH AND PRODUCTION

FIRST YEAR FIRST SEMESTER

COURSE CODE: AHP 1108-1

COURSE TITLE: ZOOLOGY

DATE: 7TH APRIL 2022

TIME: 1100-1300HRS

INSTRUCTIONS TO CANDIDATE

ANSWER ANY **TEN (10)** QUESTIONS.

ILLUSTRATE YOUR ANSWERS WITH APPROPRIATE DIAGRAMS AND EXAMPLES

1. With the aid of a well illustrated diagram describe the cell cycle. **(5marks)**
2. Describe the three phases of taxonomy. **(5marks)**
3. Distinguish between paraphyletic and polyphyletic taxa. **(5marks)**
4. Describe the Four (4) defining characteristics of chordates. **(5marks)**
5. Differentiate among the classes of Platyhelminthes. **(5marks)**
6. Explain the fluid mosaic model of plasma membrane. **(5marks)**
7. Enumerate the similarities of arthropods and annelids. **(5marks)**
8. Describe the Four patterns of symmetry occur among animals. **(5marks)**
9. Describe any five advancement of amphibians over pisces. **(5marks)**
9. Describe the phenetic system of classification. **(5marks)**
10. Compare and contrast meiosis and mitosis. **(5marks)**
11. Briefly Describe the Basic Tenets of the Codes of biological nomenclature **(5marks)**
12. Describe the morphological features of Annelids. **(5marks)**
13. Explain the invertebrate digestive systems. **(5marks)**
14. State any five characteristics of the order Ascaroidea. **(5marks)**
15. Describe the epithelial tissues animals. **(5marks)**

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