



MAASAI MARA UNIVERSITY

**REGULAR UNIVERSITY EXAMINATIONS
2017/2018 ACADEMIC YEAR
THIRD YEAR FIRST SEMESTER**

**SCHOOL OF SCIENCE AND INFORMATION SCIENCE
BACHELOR OF EDUCATION (SCIENCE)**

COURSE CODE: ZOO 311

COURSE TITLE: HISTOLOGY AND PHYSIOLOGY

DATE: 26TH APRIL 2018

TIME: 0830 - 1030 HRS

INSTRUCTIONS TO CANDIDATES

Answer ALL questions in Section A and any other TWO questions in Section B

This paper consists of 2 printed pages. Please turn over.

SECTION A: ANSWER ALL QUESTIONS (30MARKS)

1. Describe briefly the classification of epithelia **(3marks)**
2. Describe briefly the histological structure of skeletal muscle **(3marks)**
3. Outline the classification of dense connective tissue **(3marks)**
4. Outline the functional correlation of epithelia **(3marks)**
5. Describe the histological structure of the bone **(3marks)**
6. Give an account on the types of neurons **(3marks)**
7. Compare and contrast the histology of testis and ovary **(3marks)**
8. Describe briefly the histology of the large artery **(3marks)**
9. Giving example, describe briefly the classification of cartilages.
(3marks)
10. Outline the histology of gastrointestinal tract **(3marks)**

SECTION B Answer TWO questions 20marks each

11. Describe the preparation of a named tissue for histological examination **(20marks)**
12. Discuss the histological differences between the respiratory system and the urinary system **(20marks)**
13. Describe the classification of exocrine gland **(20marks)**

END//