



MERU UNIVERSITY OF SCIENCE AND TECHNOLOGY

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University Examinations 2023/2024

FIRST YEAR SECOND SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF COMMUNITY HEALTH DEVELOPMENT AND BACHELOR OF HEALTH RECORDS AND INFORMATION MANAGEMENT

HPP 3153/HPR 3124: HUMAN ANATOMY AND PHYSIOLOGY/HUMAN ANATOMY AND PHYSIOLOGY

DATE: APRIL 2024

TIME: 2 HOURS

INSTRUCTIONS:

Answer all question in Section A and any two in section B

SECTION A

1. i. Define the following terms (1 mark each)
 - a) Physiology
 - b) Core temperature
 - c) Neuroendocrinology
 - d) Cerebrum
 - e) Blood brain barrier
- ii. Discuss planes of the body (5 marks)
- iii. Write short notes about heart conduction system (5 marks)
- iv. List 5 hormones produced by the pituitary gland (5 marks)
- v. Name 5 deep tendon reflexes (5 marks)
- vi. Write short notes on sensory organs (5 marks)

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SECTION B LONG ANSWER QUESTIONS (40 MARKS)

2. With a aid of a diagram discuss Eukaryotic cell (20 marks)
3. Discuss varius lung volumes (20 marks)
4. Discuss cranial nerves (20 marks)