

AMREF INTERNATIONAL UNIVERSITY SCHOOL OF PUBLIC HEALTH DEPARTMENT OF COMMUNITY HEALTH BACHELOR OF SCIENCE IN COMMUNITY HEALTH SPECIAL/SUPPLEMENTARY EXAM, MARCH 11TH-15TH MARCH 2024

CHP 122: HUMAN ANATOMY AND PHYSIOLOGY

Date: Monday 11th March 2024

Time: 2 hours Start: 4.30 Stop: 6.30 am

INSTRUCTIONS

- 1. This exam is marked out of 70 marks
- 2. This Examination comprises TWO Sections

Section A: Compulsory Question (30 Marks)

Section B: Long Answer Questions (40 Marks)

- 3. All questions in Section A are compulsory and Answer any TWO questions in Section B
- 4. This online exam shall take 2 Hours
- 5. Late submission of the answers will not be accepted
- 6. Ensure your web-camera is on at all times during the examination period
- 7. No movement is allowed during the examination
- 8. Idling of your machine for 5 min or more will lead to lock out from the exam
- 9. The Learning Management System (LMS) has inbuilt integrity checks to detect cheating
- 10. Any aspect of cheating detected during and or after the exam administration will lead to nullification of your exam
- 11. In case you have any questions call the invigilator on Head of Department on Tel +254720573449 or Ag Head of Department +254723742370
- 12. For adverse incidences please write an email to: amiu.examinations@amref.ac.ke

SECTION A: COMPULSORY (30 Marks)

1.	Outline two functions of the pancreas.	(2 Marks)
2.	Differentiate between acidic and alkaline.	(2 Marks)
3.	Name 2 parts that make the nervous system.	(2 Marks)
4.	Name four chambers that make up the heart.	(2 Marks)
5.	List three components of blood and their respective functions.	(3 Marks)
6.	State four functions of blood.	(4 Marks)
7.	Differentiate between active and passive immunity, providing examples of each.	
		(4 Marks)
8.	List four functions of the digestive system.	(4 Marks)
9.	List five functions of the kidney.	(5 marks)
10.	Outline five functions of the urinary tract.	(5 Marks)

SECTION B

ANSWER ANY TWO (2) QUESTIONS (40 Marks)

Long Answer Questions

1. Discuss five functions of the skin. (20Marks).

- 2. Discuss the structure and function of the digestive system. (20 Marks)
- 3. a) Describe the process of urine formation. (10 Marks)
 - b) Explain the role of the nephron in regulating water balance and electrolyte concentrations. (10 Marks)