



# TECHNICAL UNIVERSITY OF MOMBASA

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FACULTY OF APPLIED AND HEALTH SCIENCES

DEPARTMENT OF PURE & APPLIED SCIENCES

**UNIVERSITY EXAMINATION FOR:**

BACHELOR OF SCIENCE COMMUNITY HEALTH (BSCH-15S)

**AAB 4110: HUMAN ANATOMY AND PHYSIOLOGY II PAPER 2**

**END OF SEMESTER EXAMINATION**

**SERIES: APRIL 2016**

**TIME: 2 HOURS**

**DATE:** Pick Date Select Month Pick Year

## **Instructions to Candidates**

You should have the following for this examination

-Answer Booklet, examination pass and student ID

This paper consists of Choose No questions. Attempt Choose instruction.

**Do not write on the question paper.**

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## **Question ONE**

- a) State the primary function of the saliva (3marks)
  
- b) Name the three types of secretory cells responsible in producing gastric juice (3marks)
  
- c) State the two hormones produced in the posterior pituitary gland and their functions? (4marks)
  
- d) Differentiate between endocrine and exocrine gland (4marks)

- e) Discuss the three structural characteristics of red blood cells which contribute to gas transport (3marks)
  
- f) Discuss the three types of lymphocytes and their functions (6marks)
  
- g) State the two functions of platelets (2marks)
  
- h) State the homeostatic regulation functions of the urinary system (5marks)

**Question TWO**

- a) Name the function of the ovary (4marks)
- b) State the function of the vagina (4marks)
- c) Discuss fertilization of the ovary in the female reproductive system with the aid of a diagram (12marks)

**Question THREE**

Discuss the different types of granulocytes with their functions (20marks)

**Question FOUR**

- a) Discuss the transport of gases in the blood stream (8marks)
- b) Discuss the parts of the ear with their functions (12marks)

**Question FIVE**

Discuss the sequence of flow of air from the nose to the lungs (20marks)