

# WOMEN'S UNIVERSITY IN AFRICA



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*Addressing gender disparity and fostering equity in University Education*

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**FACULTY OF SOCIAL AND GENDER TRANSFORMATIVE SCIENCES**

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**BACHELOR OF SCIENCE HONOURS DEGREE IN PSYCHOLOGY**

**MAIN PAPER**

**PS214: PSYCHOBIOLOGY**

**INTAKE 26: SECOND YEAR FIRST SEMESTER**

**DATE: 2020 TIME: 2 HOURS**

## **INSTRUCTIONS TO CANDIDATES**

1. Answer any **two** questions.
2. All questions carry equal marks.

**Question 1**

With aid of diagrams describe and explain nerve impulse conduction and transmission. [25]

**Question 2**

Discuss the psychobiological explanations of the following concepts:

- a) Obesity; [5]
- b) Intimate relationships; [5]
- c) Leadership; [5]
- d) Stress; [5]
- e) Intelligence; [5]

**Question 3**

Explore the neurobiological basis of at least eight mental illnesses. [25]

**Question 4**

- a) Assess the importance of the Hypothalamus-Pituitary-Adrenal Axis (HPA) in managing stress and stressful situations; and [10]
- b) Discuss the effectiveness of at list three ways to deal with stress. [15]

**Question 5**

Discuss the importance of the lobes of the brain in the profession of an animal hunter. [25]

**END**