

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

RESIT/SPECIAL

FIRST YEAR EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF PSYCHOLOGY

PSYC 124: PHYSIOLOGICAL PSYCHOLOGY

STREAMS: BSC

TIME: 2 HOURS

DAY/DATE: THURSDAY 04/02/2021

8.30 A.M. – 10.30 A.M.

INSTRUCTIONS: i) Do not write on the question paper
ii) Answer questions ONE and any other TWO

QUESTION ONE

- a) Demonstrate your understanding of the hormone adrenaline [5 Marks]
- b) Describe five career opening for physiological psychologists [10 marks]
- c) Discuss the distinction between the right and left hemispheres of the brain based on their functionality [10 Marks]
- d) Critically examine any five roles played by emotions in the human life [15 Marks]

QUESTION TWO

- a) Describe the functions of each of the five parts of a neuron [10 Marks]
- b) Discuss the functions of the following neurotransmitters
 - Serotonin [5 marks]
 - Acetylcholine [5 marks]
- c) Discuss why people sleep during the night and stay awake during the day based on the restoration theory [10 marks]

QUESTION THREE

- a) Write brief notes to show your understanding of the following sex hormones
 - i. Estrogen [5 marks]
 - ii. Testosterone [5 marks]
 - iii. Progesterone [5 marks]

PSYC 124

- b) Critically examine the functions of the following neurons
- i. Sensory neurons [5 marks]
 - ii. Interneurons [5 marks]
 - iii. Motor neurons [5 marks]

QUESTION FOUR

- a) Discuss how human beings learn according to the social learning theory [8 marks]
 - b) Evaluate five reasons as to why people forget [10 marks]
 - c) Discuss the four goals of psychology [12 marks]
-