

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

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

PSYC 124: PHYSIOLOGICAL PSYCHOLOGY

STREAMS

TIME: 2 HOURS

DAY/DATE: WEDNESDAY 24/3/2021

11.30 AM – 1.30 PM

INSTRUCTIONS:

- Answer Question One and any other Two.
- Do not write on the question paper

Question One

- (a) Describe how information from the environment is carried across the nervous system to various parts of the body for appropriate response. [9 Marks]
- (b) Distinguish between the roles of the two brain hemispheres. [6 Marks]
- (c) Briefly discuss the restoration theory. [5 Marks]
- (d) Discuss the meaning of the following concepts. [10 Marks]
- Sensation
 - Sensory threshold

Question Two.

- (a) Discuss the role of adrenaline in protecting individuals. [5 Marks]
- (b) Evaluate any five functions of emotions. [15 Marks]

Question Three

- (a) Elaborate how the neurotransmitter serotonin influences behavior. [4 Marks]
- (b) Explain the functions of the four lobes contained in the cerebral cortex. [16 Marks]

Question Four

- (a) Demonstrate how communication takes place between neurons. [10 Marks]
- (b) Explain the social learning theory. [10 Marks]
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