



UNIVERSITY EXAMINATIONS

2ND SEMESTER 2023/2024 ACADEMIC YEAR

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

PSYC 121: PHYSIOLOGICAL PSYCHOLOGY

STREAM: R

TIME: 2 HRS

DAY: MONDAY (8.30-10.30AM)

DATE: 15/4/24

THIS QUESTION PAPER CONSISTS OF THREE (3) PAGES

PLEASE DO NOT OPEN UNTIL THE INVIGILATOR SAYS SO.



INSTRUCTIONS: Answer Question **ONE** and any other **TWO** Questions

QUESTION-ONE (30 MARKS)

- a) Explain the following terms as used in physiology
 - (i) Physiology (2 Marks)
 - (ii) Systems physiology (2 Marks)
 - (iii) Evolutionary Physiology (2 Marks)
- b) Describe the following parts of the body
 - (i) The heart (4 Marks)
 - (ii) The Lungs (4 Marks)
 - (iii) The Kidney (4 Marks)
 - (iv) The liver (4 Marks)
- c) Discuss briefly the central nervous system (8 Marks)

SECTION B; ANSWER ANY TWO QUESTIONS

QUESTION-TWO (20 MARKS)

- (a) Explain how the state of the brain affects behavior (12 Marks)
- (b) Describe the following functions of behavior (8 Marks)

QUESTION-THREE (20 MARKS)

- (a) What do you understand by the term interactive behavior (2 Marks)
- (b) Outline **four** examples of interactive behaviors (2 Marks)
- (c) What is social behavior interaction (2 Marks)
- (d) Briefly explain any **Seven** examples of human behavior (14 Marks)



QUESTION-FOUR (20 MARKS)

- a). Discuss how the state of the following affects human behavior
- i) The Penis (2 Marks)
 - ii) The Testes (2 Marks)
 - iii) The Ovaries (2 Marks)
 - iv) The Vagina (2 Marks)
- b) Explain the following systems
- i) Endocrine system (4 Marks)
 - ii) Digestive system (4 Marks)
 - iii) Immune system (4 Marks)

QUESTION-FIVE (20 MARKS)

- (a) Discuss various parts that make the brain (12 marks)
- b). State **Four** functions of the frontal lobes (4 Marks)
- c). Name two non-vital parts of the body (4 Marks)

