



PAN AFRICA CHRISTIAN UNIVERSITY
SCHOOL OF HUMANITIES AND SOCIAL SCIENCES
END OF SEMESTER EXAMINATION FOR THE DEGREE OF
BACHELOR OF ARTS IN COUNSELING PSYCHOLOGY
SEPTEMBER-DECEMBER 2019

CAMPUS: VALLEY ROAD

DEPARTMENT: COUNSELLING PSYCHOLOGY

COURSE CODE: COU3423

COURSE TITLE: BRAIN AND BEHAVIOUR

EXAM DATE: MONDAY 2ND DECEMBER 2019

DURATION: 2 HOURS

TIME: 5:30PM-7:30PM

INSTRUCTIONS

- Read the instructions and questions carefully before you write the answers.
- Write your **STUDENT NUMBER** in the Answer Booklet given
- *Write clearly and legibly.*
- This exam script consists of **Six (6)** questions.
- Answer **question ONE** and **Any other three (3)** questions
- *ALL PAC University's examination rules and regulations apply*

QUESTION ONE: COMPULSORY

- a) Define the following terms:
 - i. Behavior (2 marks)
 - ii. Dopamine (2 marks)
 - iii. Serotonin (2 marks)
- b) Briefly explain in two points what the brain is composed of (4 marks)
- c) Describe two functions of the blood brain barrier (6 marks)
- d) Explain in two points how the pressure of stress affects the immune system (4 marks)
- e) Outline two physiological changes likely to be triggered by emotional behavior (4 marks)
- f) Discuss two distinctive behaviors synonymous with males aged 15 and 25 years (6 marks)

QUESTION TWO

- a) Distinguish between bipolar disorder and depression (4 marks)
- b) Discuss in two points matters of intelligence in relation to the Principle of Proper Mars (6 marks)

QUESTION THREE

- a) Outline in two points how culture influences behavior (4 marks)
- b) Contrast between movement of a living organism and the falling of a leaf from a tree (6 marks)

QUESTION FOUR

- a) Discuss two reasons people remember emotional events more than any other (4 marks)
- b) Discuss in two points the view that gender identity is shaped by family experiences (6 marks)

QUESTION FIVE

A parent visits your therapy for help following an accidental removal of the baby's penis during circumcision.

- a) Diagnose two types of pathologies you will be treating (4 marks)
- b) Suggest possible solutions to the gender of the affected child and apply your response to the Christian view of God creating males and females (6 marks)