



PAN AFRICA CHRISTIAN UNIVERSITY

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

END OF SEMESTER EXAMINATION FOR THE DEGREE OF

BACHELOR OF ARTS IN COMMUNICATION

JANUARY – APRIL 2018 SEMESTER

CAMPUS: VALLEY ROAD

DEPARTMENT: PSYCHOLOGY

COURSE CODE: COU3423

COURSE TITLE: BRAIN AND BEHAVIOUR

EXAM DATE: TUESDAY 10TH APRIL 2018

TIME: 5:30PM-7:30PM

INSTRUCTIONS

- This examination script consists of **Five (5)** questions.
- Read all questions carefully before attempting.
- Write your **student number** on the answer booklet provided.
- Answer **Question ONE** and any other **THREE** questions
- Question **one** carries **30** marks
- Question 2-5 carry **10** marks each

QUESTION 1: COMPULSORY

- a) Define the following:
- Dendrites (2marks)
 - Dopamine (2 marks)
 - Neuron (2 marks)
- b) Explain the two divisions of the brain (4 marks)
- c) When ingested in moderation, alcohol has a social benefit. Discuss whether or not a Christian Counseling Psychologist could consider its use in treatment of social phobia (4 marks)
- d) Distinguish between brain functions of grass or vegetation and fruit eating animal species (6 marks)
- e) Describe the mechanism that keeps most chemicals out of the brain (4 marks)
- f) Tea, coffee and most soft drinks are linked to caffeine. Explain three ways caffeine affects brain functioning (6 marks)

QUESTION 2

- a) Contrast the brain size and its functions to the Radiator Cooling hypothesis (4 marks)
- b) Explain any two health risks likely to present in an individual ingesting stimulant drugs (6 marks)

QUESTION 3

- a) Outline two ways chronic stress has diverse effect on physical health (4 marks)
- b) Excessive alcohol abuse has both cognitive and physical effects. Discuss (6 marks)

QUESTION 4

- a) Distinguish between gender roles and gender identity (4 marks)
- b) Discuss any three symptoms of Major Depressive Disorder (MDD) (6 marks)

QUESTION 5

- a) Using two examples, distinguish between fear and anxiety (4 marks)

b) Explain three ways societies vary in their attitude towards alcohol (6 marks)