



TECHNICAL UNIVERSITY OF MOMBASA
FACULTY OF APPLIED AND HEALTH SCIENCES
DEPARTMENT OF ENVIROMENT & HEALTH SCIENCES
UNIVERSITY EXAMINATION FOR:
DEGREE
ACM 4304: DRUG AND SUBSTANCE ABUSE
END OF SEMESTER EXAMINATION
SERIES:AUGUST2019
TIME:2HOURS
DATE:Pick DateSelect MonthPick Year

Instructions to Candidates

You should have the following for this examination

-Answer Booklet, examination pass and student ID

This paper consists of **FIVE** questions. Attemptquestion ONE (Compulsory) and any other TWO questions.

Do not write on the question paper.

Question ONE

- a. Define psychoactive substances and state the medical uses of psychoactive substances (4 marks)
- b. Outline the role of the government in the utilization of psychoactive substances (4marks)
- c. List any five major psychoactive substances abused in your County (4marks)
- d. List the various routes of administration of psychoactive substances (4 marks)
- e. What are neurotransmitters? Give 3 examples. (6 marks)
- f. Define pharmacotherapy in rehabilitation of drug addiction patients. (3 marks)
- g. List any five (5) neurotransmitters affected by consumption of psychoactive substances (5 marks)

Question TWO

(20 marks)

Briefly describe the following preventive actions as used in control of drug and substance abuse:

- a) Primary (Universal) prevention, (5 marks)
- b) Secondary (Selective) prevention, (5 marks)
- c) Tertiary (Indicated) prevention, (5 marks)
- d) Health Promotion (Indirect Universal Services). (5 marks)

Question THREE**(20 marks)**

- a. Describe the various risk factors associated with drug abuse (10marks)
- b. State the psychoactive substances (5 marks)
- c. Briefly outline how psychoactive substances are used medically (5 marks)

Question FOUR**(20 marks)**

- a. State the signs that can be observed in someone using psychoactive substances (5 marks)
- b. Explain the role of the family in prevention of drug and substance abuse (10 marks)
- b. Outline the alert signs that can be observed in a child starting to abuse drugs (5marks)

Question FIVE**(20 marks)**

- a. Discuss the outcomes of alcohol abuse (8 marks)
- b. Clearly explain the mode of action of psychoactive substances. (6 marks)
- c. Describe the five (5) Strategic Prevention Framework steps towards control of drug and substance abuse in the society. (8 marks)