



Technical University of Mombasa

Faculty of Applied and Health Sciences

DEPARTMENT OF PURE AND APPLIED SCIENCES
UNIVERSITY EXAMINATION FOR THE DEGREE OF
BACHELOR OF SCIENCE IN DEVELOPMENTAL STUDIES
BSDS

ACH 4304: DRUGS AND SUBSTANCE ABUSE

SEMESTER EXAMINATION

DECEMBER 2013 SERIES

2 HOURS

Instructions to candidates:

This paper consist of **FIVE** questions

Answer question **ONE** (compulsory) and any other **TWO** questions

QUESTION ONE

- a) Define the following terminologies as applied in drug and substance abuse.
- (i) Drug (1mark)
 - (ii) Tolerance (1mark)
 - (iii) Withdrawal (1mark)
 - (iv) Physical dependence (1mark)
- b) Briefly explain three routes by which drugs may enter the body (3marks)
- c) Explain FOUR short term effects of miraa/khat (4marks)
- d) Explain FOUR factors associated with adolescent drug use in Kenya (4marks)
- e) Explain the meaning of the following terminology (4marks)
- (i) Positive drugs
 - (ii) Hard drugs

- f) "Caffeine may be the world's popular drug which is primarily consumed in tea and coffee" Explain its effect in the human body. **(4marks)**
- g) State SIX myths surrounding the increase of drug among youths in Kenya **(3marks)**
- h) Explain the purpose of rapid eye movement (REM) sleep **(4marks)**

QUESTION TWO

Jamii's performance in school started deteriorating because of continuous absenteeism. Later it was discovered he was on drugs. He became anaemic and lacked concentration. Discuss this statement in relevance to Jellinele theory on alcoholism. **(20marks)**

QUESTION THREE

- a) Explain the main provisions of the narcotic drugs and psychotropic substances (control) Act 1994 **(10marks)**
- b) Describe FIVE reasons why people use drugs **(10marks)**

QUESTION FOUR

- a) Name FOUR types of depressant drugs commonly used in Kenya **(4marks)**
- b) Describe the above drugs under the following headings
 - (i) Medical use
 - (ii) Short time effects
 - (iii) Overdose
 - (iv) Health risks

(16marks)

QUESTION FIVE

- a) Explain the role of a group during therapy process **(10marks)**
- b) Describe the drug addiction tree **(10marks)**