



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF HEALTH SCIENCES
UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE IN
COMMUNITY HEALTH AND DEVELOPMENT
3RD YEAR 1ST SEMESTER 2023/2024 ACADEMIC YEAR
KISUMU

COURSE CODE: HCB 2307
COURSE TITLE: DRUG AND SUBSTANCE ABUSE
EXAM VENUE: STREAM: (BSc Comm Hlth & Dev)
DATE: EXAM SESSION:
TIME: 2.00 HOURS

Instructions:

- 1. Answer all the questions in Section A and ANY other 2 questions in Section B.**
- 2. Candidates are advised not to write on the question paper.**
- 3. Candidates must hand in their answer booklets to the invigilator while in the examination room.**

SECTION A

Answer all questions from this section

Q1. Define the following *terminologies* as used in the science of drug and substance abuse

- a) Drug (WHO definition) 1mark
- b) Psychoactive substance 1mark
- c) Addictive behavior 1mark

Q2. Explain and give examples of commonly abused drugs/substances classified as central nervous system depressants (3marks)

Q3. State three signs and symptoms experienced by an individual after abuse of or use of amphetamines (3marks)

Q4. Outline three general characteristics associated with addictive behavior (3marks)

Q5. List any 4 investigations done in individuals suffering from drug overdose (4marks)

Q6. Describe the anatomy and neurophysiology of drug use/addiction. (4marks)

Q7. Explain the following terms as used in drug/substance abuse with relevant example

- a) Withdrawal syndrome (2marks)
- b) Intoxication (2marks)

Q8. explain the following approaches to treatment and rehabilitation of drug abuse and addiction.

- a) Detoxification (2marks)
- b) After-care (2marks)

Q9. State and explain any two strategies for prevention of drug and substance abuse (4marks)

Q10. Ethical issues are a major component in drug and substance counseling. Briefly discuss four crucial ethical issues a counselor must observe and adhere to. (2marks)

SECTION B

ANSWER QUESTIONS ONE AND ANY OTHER QUESTION.

1. Substance abuse has profound effects both on an individual's life and his/her family. Discuss (20 marks).
2. You are the public health officer in Siaya County. You have been informed that drug and substance abuse is on the rise. Discuss the etiological factors to drug and substance abuse, medical complications associated with it, prevention and control strategies to drug and substance abuse in your county. (20 Marks).
3. Chronic alcohol consumption leads to physical, psychological and social problems. Discuss. (20 marks)
4. A) Discuss any three addiction treatment modalities and their outcomes (10marks)
B) Identify four barriers to addiction treatment that women experience, and how they can be remedied (10 marks)