



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY  
SCHOOL OF HEALTH SCIENCES  
UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE  
IN PUBLIC HEALTH/ COMMUNITY HEALTH AND DEVELOPMENT**

**3<sup>RD</sup> YEAR 1<sup>ST</sup> SEMESTER 2018/2019 ACADEMIC YEAR**

**MAIN CAMPUS**

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**COURSE CODE: HCD 3314**

**COURSE TITLE: DRUG AND SUBSTANCE ABUSE**

**EXAM VENUE:**

**STREAM: Bachelors**

**DATE:**

**EXAM SESSION:**

**TIME: 2 Hrs**

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**Instructions:**

- 1. Answer all 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**

## DRUG AND SUBSTANCE ABUSE

STREAM ; Bsc Comm Health & Dev/PH

### 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 depressants (3marks)

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

Q4. Outline three general characteristics associated with delirium (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

- a) Withdrawal (2marks)
- b) Needle/syringe exchange program (2marks)

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

a) Detoxification

(2marks)

b) Harm reduction

(2marks)

Q9. State and explain any two strategies for prevention of drug and substance abuse (2marks)

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 TWO OF THE FOLLOWING QUESTIONS.

1. You are asked by a community health worker that a client in your area had reduced level conscious after consumption of heroin. Explain how you will manage this patient (20 Marks).
2. Substance abuse has profound effects both on an individual's life and his/her family. Discuss (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)