



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF HEALTH SCIENCES
UNIVERSITY EXAMINATION FOR DEGREE OF BACHELOR OF SCIENCE
PUBLIC HEALTH / COMMUNITY HEALTH AND DEVELOPMENT
3RD YEAR 1ST SEMESTER 2015/2016 ACADEMIC YEAR
KISII CAMPUS – PART TIME

COURSE CODE: HCD 3314

COURSE TITLE: DRUG AND SUBSTANCE ABUSE

EXAM VENUE: LR 17

STREAM: (BSc. P. Health / Comm Hlth & D

DATE: 19/12/16

EXAM SESSION: 2.00 – 4.00 PM

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 (30 MARKS)

1. By use of relevant examples differentiate between a drug abuser and a drug addict (3 marks)
2. Briefly discuss three ways through which substances of abuse affect neurotransmission (3 marks)
3. Briefly discuss the two types of reward systems and give an example of each (3 marks)
4. Briefly discuss three factors that can influence the addiction potential of a drug (3 marks)
5. Discuss three broad risk factors influencing substance misuse and abuse (3 marks)
6. List and explain 3 physical signs suggestive of a drug abuse problem (3 marks)
7. Briefly discuss three medical complications associated with chronic alcohol use (3 marks)
8. Briefly discuss two forms of deviance and give an example in each (3 marks)
9. Briefly explain three reasons why mental illnesses and Substance Abuse Co-occur (3 marks)
10. Briefly discuss three harm reduction strategies used in managing drug abuse (3marks)

SECTION B (40 MARKS)

1. Discuss the procedure for general management of drug overdose (20 marks)
2. a. With particular reference to the three levels of prevention, discuss current approaches to managing drug and substance abuse (14 marks)
b. Briefly discuss three modes of pharmacological classification of drugs of abuse citing an example of each (6 marks)
3. Discuss how the following drugs and substances affect brain function and state the physiologic effects they cause
 - i. Cocaine (10 marks)
 - ii. Heroin (10 marks)
4. Discuss the Public Health implications of substance abuse in Kenya (20 marks)