



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF HEALTH SCIENCES
UNIVERSITY EXAMINATION FOR DEGREE OF BACHELOR OF SCIENCE
PUBLIC & COMMUNITY HEALTH AND DEVELOPMENT
2ND YEAR 2ND SEMESTER 2019/2020 ACADEMIC YEAR

COURSE CODE:	HPB 3215
COURSE TITLE:	ENVIRONMENTAL HEALTH AND INFORMATION SYSTEM
EXAM VENUE:	STREAM :(BSc Public& Comm.Health‘)
DATE:	EXAM SESSION:
TIME:	2.00 HOURS

Instructions:

- 1. Answer all the questions in Section A each contain 3 marks and ANY other two questions in Section B each contain 20 marks.**
- 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”

1. Describe the disadvantages of strategic systems (3marks).
2. What are some of the advantages of a functioning health information system (3marks).
3. Highlight at least three limitations of decision support system in health sector (3 marks).
4. Describe the importance of quality assurance and quality control (3marks).
5. Highlight the three main limitations in achieving Millennium Development Goals in Kenya (3marks).
6. describe how electronic health records can improve patient management (3marks).
7. Distinguish between patient portals and health information exchange (3marks)
8. Give three reasons you would advocate for a digital health information system (3marks).
9. What are some of the leading reasons for patient mismanagement (3marks).
10. What are some of the factors influencing health information system use in Kenya (3 marks).

SECTION “B”

1. a). Discuss the most used health information systems (10 marks).
b). Illustrate in detail the benefits of Health information systems (10 marks).
 2. a). Discuss why it would be important to integrate environmental issues in health promotion and evaluating health interventions (10 marks).

b). Describe the limitations of an electronic health records system (10marks).
- 3a). Discuss the possible consequences of lack of Confidentiality among health care workers (10 marks)
- b). Discuss how to overcome environmental health challenges (10 marks).