



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

SCHOOL OF HEALTH SCIENCES

UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE

ENVIRONMENTAL HEALTH

4th YEAR 1ST SEMESTER 2018/2019 ACADEMIC YEAR

KISUMU LEARNING CENTER

COURSE CODE:

HPD 3412

COURSE TITLE:

PORT HEALTH

EXAM VENUE:

STREAM: BSc Public

DATE:

EXAM SESSION:

TIME: 2.00 HOURS

SECTION A -SHORT ANSWER QUESTIONS (SAQ's) – 30 MARKS

Instructions:

1. *This section has 9 Questions*
2. *Answer ALL Questions*

- 1 State three (3) challenges experienced by state parties implementing International Health Regulations (IHR) 2005 in developing countries (3mks)
- 2 Highlight the risk factors for persistent infections (3mks)
- 3 Give three (3) roles of port health clinic in international health (3mks)
- 4 Explain three methods used in ship disinfection (3mks)
- 5 Highlight three functions World Health Organization in relation to implementation of International Regulations of 2005 (3mks)
- 6 Explain the following terms:
 - i) Quarantine (3mks)
 - ii) *Free-Pratique* (3mks)
- 7 Highlight any three effects of non-compliance of International health regulation (IHR) by a state party (3mks)
- 8) State any three (3) responsibilities of International Air Transport Association (IATA) (3mks)
- 9) Give three (3)r functions of port health authorities (3mks)

SECTION B

Instructions:

1. *This section has three (3) Questions*
- 2 *Answer ANY TWO (2) Questions*

- 10a) Describe the powers that the minister of health can exercise when a ship or aircraft is under quarantine. (10mks)
- b) Explain the importance of International health regulation (IHR), 2005 (5mks)
- c) Explain the procedure of disinfection of an aircraft (6mks)
- 11 Explain the following in regard to port entry and exit procedures and standards.
- a) A vessel placed in quarantine (5mks)
- b) Hygiene quarantine (5mks)
- c) Criterion for declaring an area free of infection (10mks)
- 12a) Discuss the health effects of food borne diseases aboard ships (5mks)
- b) Explain factors contributing to food borne outbreaks aboard ships (5mks)
- c) Describe the strategies that can be adopted to control food borne outbreaks (5mks)