

UNIVERSITY OF SWAZILAND
Faculty of Health Sciences

DIPLOMA ENVIRONMENTAL HEALTH SCIENCES
FINAL EXAMINATION PAPER 2005

TITLE OF PAPER : ENVIRONMENTAL HEALTH LAW

COURSE CODE : EHS 303

DURATION : 3 HOURS

MARKS : 100

INSTRUCTIONS :

- : READ THE QUESTIONS & INSTRUCTIONS CAREFULLY
- : ANSWER ONLY FIVE QUESTIONS, AT LEAST **TWO** QUESTIONS FROM EACH SECTION

- : EACH QUESTION CARRIES 20 MARKS.

- : WRITE NEATLY & CLEARLY

- : NO PAPER SHOULD BE BROUGHT INTO OR OUT OF THE EXAMINATION ROOM.

- : BEGIN EACH QUESTION ON A SEPARATE SHEET OF PAPER.

DO NOT OPEN THIS QUESTION PAPER UNTIL PERMISSION IS GRANTED BY THE INVIGILATOR.

SECTION A

QUESTION ONE

- a) Define pollution of water and state the public health risks associated with contaminated water. (6 marks)
- b) What are the major point sources of pollution of water? (4 marks)
- c) What are the powers and functions of the Swaziland Water Services Corporation as provided in the Waters Services Corporation Act, 1992? (6 marks)
- d) State why the powers and functions of the Corporation are important for public health. (4 marks)

[Total: 20 marks]

QUESTION TWO

- a) What requirements must be satisfied in terms of the Public Health (Food Hygiene) Regulations, 1973 in respect of equipment for keeping food and vehicles and stalls for transport, storage or sale of food? (10 marks)
- b) State two problems to public health that may be caused by mismanaged waste. (4 marks)
- c) State the general prohibition relating to waste management as provided in the Waste Regulations, 2000. (3 marks)
- d) State the general provision on the import, export and trade in waste and the import of hazardous waste into Swaziland as provided in the Waste Regulations, 2000. (3 marks)

[Total: 20 marks]

QUESTION THREE

- a) Define the term nuisance. (2 marks)
- b) List any five activities /conditions that constitute nuisance in terms of Point III of the Public Health Act, 1969. (10 marks)
- c) What are the duties imposed on the local authorities in respect of statutory nuisances relating to their area of jurisdiction as well as supply of water which the public within their area of jurisdiction use for drinking or domestic purposes? (8 marks)

[Total: 20 marks]

SECTION B

QUESTION FOUR

- a) Name the organization that promulgated the International Health Regulations and the legal instrument under which the said Regulations were passed.
(2 marks)
- b) What is the purpose of the International Health Regulation, 1969?
(3 marks)
- c) Any notification of the World Health Organization of the first case of a disease subject to the Regulations by the health administration shall be promptly supplemented by information. List five contents of such information.
(5 marks)
- d) Define the following terms as used in the International Health Regulations:
- i. "Airport" (2 marks)
 - ii. "In quarantine" (2 marks)
 - iii. "Baggage" (2 marks)
 - iv. "Epidemic" (2 marks)
 - v. "Suspect" (2 marks)

[Total: 20 marks]

QUESTION FIVE

- a) What criteria is used to declare an infected area free from infection of:
- i. Cholera (2 marks)
 - ii. Yellow fever (4 marks)
 - iii. Plaque (4 marks)
- b) Mention five requirements of a sanitary airport. (10 marks)

[Total: 20 marks]

Question Six

- a) In terms of the Regulations, what is the incubation period for:
- i. Yellow fever? (1 mark)
 - ii. Cholera? (1 mark)
- b) Under what circumstances may a passenger on an international voyage be required to submit to a stool examination? (2 marks)
- c) What advice would you give to a health authority on the action to take on the arrival of a ship, aircraft, train, road vehicle or other means of transport on which a case of cholera is discovered, or a case has occurred on board.
(6 marks)

- d) What conditions must be satisfied when carrying out disinfection, disinsecting, deratting and other sanitary operations in terms of Article 25 of the International Health Regulations, 1969. (10 marks)

[Total: 20 marks]