



**UNIVERSITY OF SWAZILAND**  
**Faculty of Health Sciences**  
**DIPLOMA IN ENVIRONMENTAL HEALTH**  
**FINAL EXAMINATION PAPER 2005-6**

- TITLE OF PAPER** : ENVIRONMENTAL HEALTH LAW
- COURSE CODE** : EHS 303
- DURATION** : 3 HOURS
- MARKS** : 100
- INSTRUCTIONS** :
- : **READ THE QUESTIONS & INSTRUCTIONS CAREFULLY**
  - : **FIVE QUESTIONS AT LEAST TWO QUESTIONS FROM EACH SECTION**
  - : **EACH QUESTION CARRIES 20 MARKS.**
  - : **WRITE NEATLY & CLEARLY**
  - : **NO PAPER SHOULD BE BROUGHT INTO NOR 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 Environmental Health Law and explain the relationship between the state of the environment and human health. (3 marks)
- b). What are the major point sources for pollution of water? (4 marks)
- c). What is the Water Service Corporation and what are objects? (4 marks)
- d). Discuss the general functions of the Water Service Corporation and explain why such functions are important for public health. (6 marks)
- e). State the general prohibition relating to waste management, in terms of Waste Regulations, 2000. (3 marks)

[Total: 20 marks]

### Question Two

- a) List any five conditions or activities that constitute a nuisance, in terms of the Public Health Act, 1969. (10 marks)
- b) State the obligations of local authorities regarding nuisances, in terms of the Public Health Act, 1969. (10 marks)

[Total: 20 marks]

### Question Three

What requirements must be satisfied in request of food rooms in relation to personal hygiene and clothing of persons engaged in the food business, in terms of the Public Health (Food Hygiene) Regulations, 1973? (20 marks)

SECTION B

Question Four

- a). What is the objective of the International Health Regulations?  
(3 marks)
- b). What is the method of notification by a health administration to the organization of a disease subject to the Regulations, and what is the time limit for such notification?  
(2 marks)
- c). What requirements must be satisfied by health administration in respect of ports and airports in its territory, in terms of Articles 14 and 15 of the International Health Regulations?  
(15 marks)

[Total: 20 marks]

Question Five

- a). Under what circumstances may the Organization investigate an outbreak of a disease subject to the Regulations, and what condition must be satisfied before such investigation can be carried out?  
(4 marks)
- b). Under what circumstances shall a ship or aircraft on arrival, be regarded as infected with plague?  
(4 marks)
- c). What requirements must be satisfied in respect of every sanitary airport, in terms of Article 18 of International Health Regulations, 1969.  
(10 marks)
- d). What is the incubation period of yellow fever, and what document must be produced as proof of vaccination against yellow fever?  
(2 marks)

[Total: 20 marks]

Questions Six

- a). State the duties of a health authority, where on arrival of a ship, aircraft, train, road, vehicle or other means of transport, a case of cholera is discovered or a case has occurred on board. (4 marks)
- b). What discretion does a health authority have under the circumstances stated in (a) above? (3 marks)
- c). What measures may be applied by a health authority, where on arrival of a train, a road vehicle, or other means of transport, in an area where the vector of yellow fever is present? (6 marks)
- d). What are the general obligations of each State regarding the control of the spread of plague? (6 marks)
- e). What is the incubation period of plague, for purposes of the Regulations? (1 mark)

[Total: 20 marks]