



UNIVERSITY OF SWAZILAND

Faculty of Health Science

Department of Environmental Health
Sciences

Final Examination 2007

- TITLE OF PAPER : ENVIRONMENTAL HEALTH LAW
- COURSE CODE : EHS 303
- DURATION : 3 HOURS
- MARKS : 100
- INSTRUCTIONS :
- READ THE QUESTIONS & INSTRUCTIONS CAREFULLY
 - ANSWER ANY FIVE QUESTIONS AT LEAST TWO QUESTIONS FROM EACH SECTION
 - EACH QUESTION CARRIES 20 MARKS
 - NO PAPER SHOULD BE BROUGHT INTO NOR OUT OF THE EXAMINATION ROOM
 - BEGIN EACH QUESTION ON A SEPARATE SHEET OF PAPER

DO NOT OPEN THE QUESTION PAPER UNTIL PERMISSION HAS BEEN GRANTED BY THE INVIGILATOR.

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SECTION A

Question One

- a). Discuss the branches of law that fall under Public Law. (9 marks)
- b). Distinguish between International Environmental Law and National Environmental Law, and state the relationship between them. (4 marks)
- c). Distinguish between statute law and common law. (2marks)
- d). State the types of legislation and give two examples for each type. (4 marks)
- e). Define Environmental Health Law. (1 mark)

[Total:20 marks]

Question Two

- a). Define pollution of water and state the public health risks associated with contaminated water. (6 marks)
- b). State the major point sources of pollution of water. (4 marks)
- c). State the general functions of the Water Services Corporation and state why such functions are important for public health. (6 marks)
- d). State the duties of local authorities regarding the control of pollution of water, in terms of the Public Health Act, 1969. (4 marks)

[Total: 20 marks]

Question Three

- a). State the requirements that must be satisfied in terms of the Public Health (Food Hygiene) Regulations, 1973 regarding equipment for keeping food. (6 marks)
- b). State the general prohibition on the import, export and trade in waste and the import of hazardous waste into Swaziland, in terms of the Waste Regulations, 2000. (4 marks)
- c). State five examples of problems to public health that are caused by mismanaged waste. (10 marks)

[Total: 20 marks]

SECTION B

Question Four

- a). What is the World Health Organization and what is its objective? (2 marks)
- b). What is the objective of the International Health Regulations? (2 marks)
- c). State the document that must be produced by a person who has had a vaccination against yellow fever, as evidence of such vaccination. (1 mark)
- d). State the requirements that must be satisfied by a 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). State the duty of the WHO following receipt of a notification of a case of a disease subject to the Regulations. (4 marks)
- b). What information is required from the health administration to supplement a notification to the Organization of a case of a disease subject to the Regulations? (4 marks)
- c). State the requirements that must be satisfied relating to ships or aircrafts during their stay in a port or airport infected by plague. (4 marks)
- d). State the requirements that must be satisfied by employees of a port or airport situated in an infected area and by every member of a crew of a ship or an aircraft using any such port or airport, in relation to yellow fever. (2 marks)
- e). State the measures that must be applied by a health authority, 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)

[Total: 20 marks]

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Question Six

- a). What conditions must be satisfied when carrying out disinfection, disinsecting, deratting and other sanitary operations, in terms of Article 25 of the regulations? (10 marks)
- b). What advice would you give to a health authority on the actions to be taken on the arrival of a ship, aircraft, train, road vehicle or other means of transport on which a case of cholera is discovered, or has occurred on board? (6 marks)
- c). Under what circumstances may a passenger on an international voyage be required to submit to a stool examination? (2 marks)
- d). In terms of the regulations, what is the incubation period for the following diseases:
- i. Cholera; (1 mark)
 - ii. Yellow fever? (1 mark)

[Total: 20 marks]

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