EOH3101 PRINCIPLES OF ENVIRONMENTAL HEALTH
SEMESTER II 2012/2013

QUESTIONS FOR INDIVIDUAL CHAPTERS

CHAPTER 1

1. Define environmental health.
2. What is the main purpose of achieving good health?
3. Name the three concepts of health that you know.
4. Name and explain in detail the factors that influence health.
5. List the health promotion programmes in order to acquire a healthy life.

CHAPTER 2

1. List five examples of impacts of development to the environment that you know.
2. Differentiate between point source and non-point source pollution.
3. What are the air pollutants often violating WHO guidelines in the urban areas?
4. Explain the health effects of DDT to humans.
5. Define leachate. Why is leachate dangerous to the environment?

CHAPTER 3

Part 1

1. List the importance of water to the human body.
2. Where was ozone first used as a disinfectant?
3. What was John Snow’s contribution to public health?
4. Define sewage.
5. What is the long term goal of water management?

Part 2

1. Why is air important to humans?
2. List the composition of unpolluted air.
3. Name the layers of the atmosphere.
4. Define air pollution.
5. Define primary pollutant and give an example.

Part 3

1. Define sanitation.
2. Where can we see the reuse of treated wastewater?
3. Why is daily cover important in landfills?
4. List five diseases associated with poor sanitation.
5. How do we address the sanitation problem?

Part 4

1. Define food safety.
2. List five chemical contaminants important in food safety.
3. Define food allergen.
4. Define HACCP.
5. Name the 4 Cs of food safety.

Part 5

1. Define microbiology.
2. Differentiate between gram-positive and gram-negative bacteria.
3. Name the animals used as reservoirs for Leptospira.
4. Define virus and give three examples.
5. Give four differences between bacteria and fungi.

CHAPTER 4

1. Name the laws and regulations pertaining to river water pollution.
2. What is the purpose of the EQA (1974).
4. What are the problems with the three-tier system with regards to the environment?
5. What is Act 342?