



THE OPEN UNIVERSITY OF SRI LANKA.
DIPLOMA IN ENVIRONMENTAL SCIENCE PROGRAMME
BYD 1108/BYD3308- ENVIRONMENTAL ISSUES AND PUBLIC HEALTH
FINAL EXAMINATION-2017/2018
Duration: Two (02) hour.

13th May 2018

Time: 1.30pm-3.30pm

Answer any four (04) of the following questions

1.
 - a. List the four (04) major health problems which are influenced by the bad environmental practices in Sri Lanka. (20 marks)
 - b. Briefly describe how environmental parameters are influencing the health problems listed above. (40 marks)
 - c. Outline the a suitable project plan to minimize the health problems stated in part "a". (40 marks)

2.
 - a. What do you mean by "occupational health"? (25 marks)
 - b. Name the major diseases due to unplanned working condition. (35 marks)
 - c. Describe the four (04) major steps adopted to control or eradicate above mentioned diseases. (40 marks)

3.
 - a. What are indoor air pollutants? (30 marks)
 - b. List sources and types of Indoor air Pollutants (30 marks)
 - c. Explain how indoor air pollutants affect to the human health. (40 marks)

4.
 - a. What is environmental health? (20 marks)
 - b. List the main greenhouse gases responsible for global warming (20 marks)
 - c. Briefly explain the relevant environmental health effects caused by global warming. (30 marks)
 - d. Outline the strategies being practiced to prevent health problems due to global warming. (30 marks)

5.
 - a. Briefly explain the point and non-point sources of water pollutants. (30 marks)
 - b. Discuss how polluted water affects the human health. (30 marks)
 - c. Briefly describe the steps involved in basic water purification process of drinking water in Sri Lanka. (40 marks)

6. Write short notes on any three (03) of the following. (Marks: 3x 33.5= 100)
 - a. Municipal Waste and it's Management.
 - b. Expected qualities of environmental health officer.
 - c. Relationships between Public Health paradigm and toxicological Paradigm
 - d. categorization of hazardous waste according to their health effects