

SECTION A Answer all questions in this section (30 marks)

1. Define the following terms
 - a. Environmental health (1 marks)
 - b. Environmental pollution (1marks)
 - c. Waste water (1 mark)
2. Using three examples explain what are inorganic compounds (3 marks)
3. Explain any three photochemical oxidants (3 marks)
4.
 - i. Define the meaning of the word poison (2 marks)
 - ii. What is the meaning of the word acaricides (1 mark)
5.
 - i. What is the difference between toxins and drugs (2 marks)
 - ii. What are Neonics (1 mark)
6. Using a daily life experience describe any three uses of bactericides (3 marks)
7. Explain the importance of half-life to the environment (3 marks)
8. Explain three effects of radioactive materials to the environment (3 marks)
- 9
 - a) Name three volatile organic compounds found in urban areas (2 marks)
 - b) Identify three health effects of volatile organic compounds (1 marks)
- 10
 - a) Mention three preventive measures for volatile organic compounds (1 marks)
 - b) List and explain three toxins of public health importance. (2 marks)

SECTION B Answer any two Questions (40 Marks)

1.
 - a) As a public health professional explain what you can explain to the community on prevention of toxins. (10 marks)
 - b) As a public health professional you have noted an increase in use of pesticides in your county. Discuss the effects and prevention strategies for Pesticides (10 marks)
2.
 - a) Discuss any routes of exposure to lethal organisms and elimination methods from humans (10 marks)
 - b) Discuss how we can prevent children from poisons (10 marks)

3 a) Discuss the factors that influence the concentration of volatile organic compounds in indoors. (10 marks)

b) Discuss the role of neokinetics in environmental health (10 marks)

4 a) Explain the methods used in toxic waste management (10 marks)

b) Discuss the socio-economic impacts of waste management in environmental health (10 marks)