

B.Sc. Sem.-5 Examination

CC-303

Env. Science

March-2025

Time : 2-30 Hours]

[Max. Marks : 70

- Instructions:** (1) Draw figures where necessary.
 (2) Show question number against each answer.
 (3) Figures in right are marks.

Q.1 Define toxicology, toxicity and related terms, also effective dosage and additive synergetic & antagonistic effect. (14)

OR

Q.1(A) Write a detail note on Pesticides and its effect. (07)

Q.1(B) Explain in detail food additives and its effect on human health. (07)

Q.2 Write a detail note on metal toxicity. (14)

OR

Q.2(A) Explain in detail Silicosis. (07)

Q.2(B) Write a detail note on Asbestosis. (07)

Q.3 Explain in detail method for collection, storage, segregation and transportation of solid waste. (14)

OR

Q.3(A) Write a detail note on Landfill and composting technique. (07)

Q.3(B) Explain in detail incineration and pyrolysis method. (07)

Q.4 Write a note on Cholera: symptoms, transmission and effects. (14)

OR

Q.4(A) Explain in detail Anthrax. (07)

Q.4(B) Explain in detail Botulinum and its ways of transmission. (07)

Q.5 Answer any **seven** out of twelve. (14)

- A. Define GM crops.
- B. What are food additives?
- C. Write down types of landfills.
- D. Write the causes of cholera.
- E. What is vermi composting?
- F. Define toxic agents.
- G. List down occupational diseases.
- H. What is a virus?
- I. What are the effects of radioactive materials on human body?
- J. Define chemical carcinogens.
- K. Note down the methods for waste collection.
- L. Define anthrax.