

2704N131

Candidate's Seat No : _____

BSc Sem.-4 Examination**CC 204****Env Science****April 2022****Time : 2-00 Hours]****[Max. Marks : 50**

- Instructions:** (1) Draw figures where necessary.
 (2) Show question number against each answer.
 (3) Figures in right are marks.
 (4) Answer any **Three** out of initial **Eight** main questions, Question No. 9 is compulsory.

Section – I

- Q 1. (A) Write a note on types of Air Pollutants. (7)
 (B) Write a note on effects of air pollution on ecosystem and human health. (7)
 Q 2. (A) Write down different devices to control air pollution. (7)
 (B) Explain in detail types of air-borne diseases. (7)
 Q 3. (A) State the characteristics of Domestic and Industrial waste. (7)
 (B) Explain eutrophication, bioaccumulation and biomagnification in brief. (7)
 Q 4. (A) Explain effects of thermal pollution in water: human and animals. (7)
 (B) Detailed note on water pollutants. (7)
 Q 5. (A) Explain importance of soil as resource. (7)
 (B) Write a note on sources of soil pollution. (7)
 Q 6. (A) Explain measures to control soil pollution. (7)
 (B) State effects of soil pollutants on flora, fauna and groundwater. (7)
 Q7. (A) Explain types and sources of physical pollutants. (7)
 (B) Explain sources and effects of thermal and radioactive pollution. (7)
 Q 8. (A) Detailed note on sources and effects of noise pollution. (7)
 (B) Explain sound decibels, sound intensity and sound pressure level. (7)

P.T.O.

Section – II

Q 9. Answer in short (any **Eight**):

(8)

- A. Write types of pollution.
- B. State constituents of air pollution.
- C. What is space pollution.
- D. Full form of BOD and COD.
- E. What is ESPs?
- F. Note down organic and inorganic pollutants.
- G. Permissible standard on noise in silent zone.
- H. Effects of pesticides on soil.
- I. What is bioaccumulation.
- J. Write down water quality parameters.
- K. What are Waterborne diseases and give example.
- L. Difference between primary and secondary pollutants.

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