

B.Sc. (Part-II) (C.B.C.S. Pattern) Sem-III
USENVT05 - Environmental Science Paper-I
(Pollution Science)

P. Pages : 2

Time : Three Hours



GUG/S/19/11606

Max. Marks : 50

- Notes :
1. All questions are compulsory and carry equal marks.
 2. Illustrate the answers with suitable diagrams and examples.

1. Discuss air pollution problems of industries w.r.t. thermal power plant and pulp and paper industry. **10**

OR

- a) Explain in detail particulate matter as a air pollutant. **5**
- b) Describe effects and control of acid rain. **5**

2. Briefly explain types of water pollutants what are the sources of water pollution ? **10**

OR

- a) What are the sources of thermal pollution ? Give the effects of thermal pollution on environment. **5**
- b) Explain effects of oil pollution on marine life and birds. **5**

3. Discuss types of occupational hazards. **10**

OR

- a) Briefly explain basic types of radiation. **5**
- b) Describe auditory and nonauditory effects of noise pollution on human beings. **5**

4. Discuss effects of industrial pollutants and modern agro-technologies on soil. **10**

OR

- a) Write an explanatory note on POP's. **5**
- b) Explain bioaccumulation and biomagnification of pesticides. **5**

5. Answer in brief **any ten**. **10**

- a) What is criteria pollutants ?
- b) Give the effects of vehicular pollution.

- c) State the primary and secondary air pollutants.
- d) Define thermal pollution.
- e) What is ballast water ?
- f) Define water pollution.
- g) Which unit is used for measurement of noise pollution ?
- h) State the sources of radiation pollution.
- i) Define noise pollution.
- j) What is soil pollution ?
- k) State the diseases caused by soil pollution.
- l) What is salination of soil ?
