

Sl. No. : 6801

FC

Unique paper Code : 32235904

Name of the Paper: ENVIRONMENT AND PUBLIC HEALTH

Name of the Course: GE 4

Semester : I

Duration : 3 hours

Maximum Marks : 75

*(Write your Roll No. on the top immediately on receipt of this question paper)*

**Instruction for candidates:** Attempt five questions in all, including question No. 1 which is compulsory.

Q1. a) Define the following terms

6

- i) Environmental hazard
- ii) Toxicity
- iii) Smog
- iv) Eutrophication
- v) Epidemic
- vi) Half-life

b) Expand the following

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- i) AQI
- ii) SPM
- iii) PAN
- iv) BOD
- v) POP

c) Name the causative agent of:

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- i) Tuberculosis
- ii) Typhoid
- iii) Minamata disease

d) Match the following

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**Column A**

- i) Fly ash
- ii) Biomedical waste
- iii) Nuclear waste
- iv) Solid waste
- v) Greenhouse effect

**Column B**

- Composting
- Incineration
- Bricks
- Methane
- Deep pits

Q2. Give a detailed account of sources of water pollution. Suggest measures to control water pollution. (8+6)

Q3. a) Describe the causes and effects of global warming. 8

b) Discuss the effects of environmental change on public health. 6

Q4. Describe briefly the different types of wastes. Discuss the disposal of sewage and its treatment. (6+8)

Q. Describe in detail any two of the following incidents:

Three Mile Island incident, Chernobyl disaster, Bhopal gas tragedy (7x2=14)

Q5. Describe the causes, symptoms, diagnosis and treatment of Cholera. Discuss the measures to control spread of Cholera. 14

Q6. Write short notes on any four of the following (3.5x4=14)

- i) Ozone depletion
- ii) Acid rain
- iii) Asthma
- iv) Exposure assessment
- v) Noise pollution