B.Sc. BIOTECHNOLOGY
SECOND SEMESTER
ENVIRONMENTAL STUDIES
BEV-721
[USE OMR SHEET FOR OBJECTIVE PART]

SET A

Duration: 1hr. 30 mins.

Full Marks: 35

[Objective]

Time: 15 mins.

Marks: 10

Choose the correct answer from the following:

$1 \times 10 = 10$

1. What is the major air pollutant?
   a. Carbon di oxide
   b. Carbon monoxide
   c. CFC
   d. All of above

2. How many biodiversity hotspots are found in India?
   a. 7
   b. 5
   c. 2
   d. 4

3. Itai-Itai disease of Japan is caused due to:
   a. Lead
   b. Arsenic
   c. Cadmium
   d. Mercury

4. Which ecological pyramid(s) can be inverted also?
   a. Pyramid of energy
   b. Pyramid of energy and Pyramid of number
   c. Pyramid of number & Pyramid of Biomass
   d. Pyramid of energy and Pyramid of biomass

5. Deforestation rate is alarming at:
   a. Temperate countries
   b. Polar regions
   c. Tropical countries
   d. None of the above

6. Industry responsible for Bhopal gas tragedy in 1984 was:
   a. Methyl isocyanate
   b. Pesticide industry
   c. Nuclear industry
   d. All of above

7. Which is a secondary air pollutant?
   a. CO
   b. NOx
   c. SOx
   d. None of above

8. Thermal pollution is related to:
   a. Air
   b. Water
   c. Climate
   d. None of above

9. What is/are positive impact(s) of big dams?
   a. Electricity generation
   b. Downstream impacts of river morphology
   c. Afforestation
   d. a and b

10. Origin of earthquake is:
    a. Epicentre
    c. Both a & b
    b. Focus
    d. None of above

-- --- --

(Descriptive)

Time : 1 hr. 15 mins.   Marks : 25

[Answer question no.1 & any two (2) from the rest]

1. Define air pollution. What are the causes of air pollution?   1+4=5

2. Write short notes on: (*any two*)   5+5=10
   a) Ecological pyramid and its types
   b) Water (Prevention and Control of Pollution) Act. 1974
   c) Soil erosion and its control measures
   d) Primary pollutant and secondary pollutants

3. What do you mean by water pollution? Write about causes and impacts   2+8=10
   of water pollution.

4. Discuss causes and impacts of deforestation.   5+5=10

5. Write short notes on: (*any two*)   5+5=10
   a) Acid rain
   b) Ozone layer depletion
   c) Eutrophication
   d) Noise pollution

= = *** = =