

**BA LLB  
SECOND SEMESTER  
ENVIRONMENTAL SCIENCE  
BLB - 201**  
[USE OMR FOR OBJECTIVE PART]

**SET  
B**

Duration: 3 hrs.

Full Marks: 70

Time: 30 min.

Marks: 20

**(Objective)**

*Choose the correct answer from the following:*

**1 × 20 = 20**

- The cause of Bhopal gas tragedy was-
  - Methyl alcohol
  - Methyl carbonate
  - Methyl sulphate
  - Methyl isocyanate
- The average surface temperature of the Earth is about ---°C.
  - 15
  - 24
  - 33
  - 18
- Which act was enacted to safeguard environment by Government of India after Bhopal Gas tragedy?
  - Water (Prevention and Control of Pollution) Act 1974
  - Air (Prevention and Control of Pollution) Act 1981
  - Environment (Protection) Act 1986
  - All of above
- The 3R Principle in waste management stand for-
  - Reduce, Reuse, Reset
  - Reduce, Reuse, Retain
  - Reduce, Regain, Reuse
  - Reduce, Reuse, Recycle
- Ozone depletion is caused due to increase of-
  - Water vapor
  - Carbon dioxide
  - Chlorofluorocarbon
  - All of above
- Which of the following is not a meteorological parameter?
  - Precipitation
  - Temperature
  - Humidity
  - Population
- Rain water is slightly acidic in nature. It is due to
  - Acid rain
  - Carbon dioxide gas
  - Carbon monoxide gas
  - Oxides of sulphur and nitrogen
- Number of sustainable development goals is-
  - 8
  - 17
  - 23
  - 30
- Biomagnification is related to-
  - Air pollution
  - Water pollution
  - Soil pollution
  - Noise pollution

10. Which is not a biological parameter of water?
- |             |                  |
|-------------|------------------|
| a. Bacteria | b. Iron          |
| c. Viruses  | d. None of above |
11. Deforestation generally decreases-
- |                 |                   |
|-----------------|-------------------|
| a. Soil erosion | b. Global warming |
| c. Rainfall     | d. All of above   |
12. The part of earth and atmosphere where organisms live is called-
- |              |                  |
|--------------|------------------|
| a. Biotic    | b. Lithosphere   |
| c. Biosphere | d. None of above |
13. Amount of nitrogen present in atmosphere is-
- |          |          |
|----------|----------|
| a. 70%   | b. 75%   |
| c. 78% % | d. 80% % |
14. EIA is a tool used to
- |   |   |
|---|---|
| a. identify the environmental issues                      | b. social impacts of a project prior to decision making |
| c. economic impacts of a project prior to decision making | d. All of above   |
15. Which is the first Country to enact legislation on EIA?
- |                  |          |
|------------------|----------|
| a. United States | b. Japan |
| c. Australia     | d. India |
16. Noise is \_\_\_\_\_
- |                      |                                   |
|----------------------|-----------------------------------|
| a. Huge sound        | b. Undesirable and unwanted sound |
| c. Sound of vehicles | d. Sound of crackers              |
17. According to a report of WHO, 3.4 million premature deaths occur each year worldwide from-
- |              |                            |
|--------------|----------------------------|
| a. Allergies | b. Waterborne diseases     |
| c. Accidents | d. Environmental pollution |
18. Montreal Protocol is related to-
- |                          |                     |
|--------------------------|---------------------|
| a. Water pollution       | b. Greenhouse gases |
| c. Ozone layer depletion | d. All of above     |
19. Major air pollutant is-
- |                    |                 |
|--------------------|-----------------|
| a. Carbon dioxide  | b. Methane      |
| c. Carbon monoxide | d. All of above |
20. The term Biodiversity means-
- |                   |                      |
|-------------------|----------------------|
| a. Living variety | b. Genetic variation |
| c. Ecosystem      | d. Species variation |

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**Descriptive**

Time : 2 hrs. 30 min.

Marks : 50

*[ Answer question no.1 & any four (4) from the rest ]*

1. Discuss current environmental issues in India along with relevant legal frameworks? 10
2. What do you mean by biodiversity loss? Write the objectives of the Environment Protection Act, 1986. 2+8=10
3. Write about structure and composition of atmosphere. 10
4. What do you mean by waste management? Write about Swachha Bharat Abhiyan. 2+8=10
5. Write short notes on *(any two)* 5+5=10
  - a. Marine pollution
  - b. Different types of systems in thermodynamics
  - c. Sustainable development
  - d. Sources and categories of solid wastes
6. What is acid rain? Write about causes and consequences of acid rain. 10
7. What do you mean by Environmental Impact Assessment? Discuss the different phases involved in the EIA process?. 3+7=10
8. What do you mean by water pollution? Write about sources and consequences of water pollution. 2+8=10

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