

BA LLB  
SECOND SEMESTER  
ENVIRONMENTAL SCIENCE  
BLB - 201  
(USE OMR FOR OBJECTIVE PART)

**SET  
A**

Duration: 3 hrs.

Full Marks: 70

Time: 30 min.

**(Objective)**

Marks: 20

*Choose the correct answer from the following:*

*1×20=20*

1. Noise is \_\_\_\_\_
  - a. Huge sound
  - b. Undesirable and unwanted sound
  - c. Sound of vehicles
  - d. Sound of crackers
2. The term Biodiversity means-
  - a. Living variety
  - b. Genetic variation
  - c. Ecosystem
  - d. Species variation
3. 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
4. Major air pollutant is-
  - a. Carbon dioxide
  - b. Methane
  - c. Carbon monoxide
  - d. All of above
5. Montreal Protocol is related to-
  - a. Water pollution
  - b. Greenhouse gases
  - c. Ozone layer depletion
  - d. All of above
6. Amount of nitrogen present in atmosphere is-
  - a. 70%
  - b. 75%
  - c. 78%
  - d. 80%
7. Which is the first Country to enact legislation on EIA?
  - a. United States
  - b. Japan
  - c. Australia
  - d. India
8. 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
9. The part of earth and atmosphere where organisms live is called-
  - a. Biotic
  - b. Lithosphere
  - c. Biosphere
  - d. None of above

10. Deforestation generally decreases-
  - a. Soil erosion
  - b. Global warming
  - c. Rainfall
  - d. All of above
11. Which is not a biological parameter of water?
  - a. Bacteria
  - b. Iron
  - c. Viruses
  - d. None of above
12. Number of sustainable development goals is-
  - a. 8
  - b. 17
  - c. 23
  - d. 30
13. Biomagnification is related to-
  - a. Air pollution
  - b. Water pollution
  - c. Soil pollution
  - d. Noise pollution
14. The cause of Bhopal gas tragedy was-
  - a. Methyl alcohol
  - b. Methyl carbonate
  - c. Methyl sulphate
  - d. Methyl isocyanate
15. The average surface temperature of the Earth is about ---°C.
  - a. 15
  - b. 24
  - c. 33
  - d. -18
16. Which act was enacted to safeguard environment by Government of India after Bhopal Gas tragedy?
  - a. Water (Prevention and Control of Pollution) Act 1974
  - b. Air (Prevention and Control of Pollution) Act 1981
  - c. Environment (Protection) Act 1986
  - d. All of above
17. Rain water is slightly acidic in nature. It is due to
  - a. Acid rain
  - b. Carbon dioxide gas
  - c. Carbon monoxide gas
  - d. Oxides of sulphur and nitrogen
18. Which of the following is not a meteorological parameter?
  - a. Precipitation
  - b. Temperature
  - c. Humidity
  - d. Population
19. Ozone depletion is caused due to increase of-
  - a. Water vapor
  - b. Carbon dioxide
  - c. Chlorofluorocarbon
  - d. All of above
20. The 3R Principle in waste management stand for-
  - a. Reduce, Reuse, Reset
  - b. Reduce, Reuse, Retain
  - c. Reduce, Regain, Reuse
  - d. Reduce, Reuse, Recycle

**(Descriptive)**

Time : 2 hrs. 30 min.

Marks : 50

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

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|--|--------|
| 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 ( <i>any two</i> )   | 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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