

ENVIRONMENTAL STUDIES
SECOND SEMESTER
BEV-720

Duration: 3 Hrs.

Marks: 70

{ Part : A (Objective) = 20 }
{ Part : B (Descriptive) = 50 }

[PART-B :Descriptive]

Duration: 2 Hrs. 40 Mins.

Marks: 50

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

1. What is water pollution? What are the causes and impacts of water pollution? (2+3+5=10)
2. What do you mean by structure and function of an ecosystem? What are the different types of ecosystems? (3+3+4=10)
3. Discuss the major biogeographical regions of India. (10)
4. What is biodiversity? What are different levels of biodiversity? What do you mean by value of biodiversity? (1+3+6=10)
5. What are different resources? Write about importance and threats of any one type of resource. (3+3+4=10)
6. What is solid waste? Discuss different methods involved in solid waste management. (2+8=10)
7. Write short notes on: (5+5=10)
(a) Global climate change
(b) Ozone layer depletion
8. What role can a student play in prevention of pollution? Elaborate. (10)

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[PART-A:Objective]

Choose the correct answer from the following:

1×20=20

1. Acid rain is due to:

- a. SO₂
- b. CO₂
- c. CO
- d. All the above

2. Which is not greenhouse gas?

- a. CH₄
- b. CO₂
- c. N₂O
- d. SO₂

3. Acid Rain Ph:

- a. More than 7
- b. Less than 5.6
- c. 0
- d. 0--14

4. During photosynthesis trees produce:

- a. Carbon dioxide
- b. Oxygen
- c. Water vapour
- d. All of above

5. Which of the following is responsible for desertification?

- a. Deforestation
- b. Overgrazing
- c. Mining
- d. All of above

6. Estuaries have the following characteristics:

- a. Fresh and salt water.
- b. Rich biodiversity and high productivity.
- c. Both (a) and (b).
- d. Low productivity.

7. In an ecosystem, flow of energy is:

- a. Cyclic
- b. Unidirectional
- c. Multidirectional
- d. Both (a) and (b)

8. Number of chromosomes present in man:

- a. 26
- b. 28
- c. 46
- d. 48

9. In AIDS, 'S' stands for:

- a. Symptom
- b. System
- c. Syndrome
- d. Syndome

10. Thickness of ozone is measured inunits.

- a. meter
- b. cm
- c. dobson
- d. ppm

11. Which one is a secondary pollutant?

- a. Ozone
- b. Carbon monoxide
- c. HC
- d. All of above

12. Choose the wrong statement:

- a. Clean air contains 78% Nitrogen.
- b. Carbon dioxide is a primary pollutant.
- c. PAN is secondary pollutant.
- d. CO reduces oxygen carrying capacity in blood.



13. Bhopal gas tragedy occurred due to leakage of:

- a. DDT b. MIC
 c. Dioxin d. All of above

14. Oil in water affects fish by affecting:

- a. Gills b. Scales
 c. Eyes d. None of above

15. Thermal pollution is related to:

- a. Air b. Global warming
 c. Water d. None of above

16. Blue-baby syndrome occurs by the pollution of:

- a. CO b. Nitrate
 c. Mercury d. All of above

17. Scientific methods for disposal of solid waste is:

- a. Open land disposal
 b. Incineration
 c. Land fill
 d. All of above

18. Which of the following is the concentration of CO₂ in the atmosphere?

- a. 0.32% b. 0.028%
 c. 0.38% d. 0.039%

19. Per capita use of water is highest in:

- a. USA
 b. India
 c. Bangladesh
 d. Kuwait

20. Lower Subansiri Hydro-electric project is in:

- a. Assam
 b. Meghalaya
 c. Arunachal Pradesh
 d. Gujarat

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UNIVERSITY OF SCIENCE & TECHNOLOGY, MEGHALAYA



Question Paper CUM Answer Sheet

[PART (A) : OBJECTIVE]

Serial no. of the main
Answer sheet

Course :

Semester : Roll No :

Enrollment No : Course code :

Course Title :

Session : 2016-17 Date :

Instructions / Guidelines

- The paper contains twenty (20) / ten (10) questions.
- The student shall write the answer in the box where it is provided.
- The student shall not overwrite / erase any answer and no mark shall be given for such act.
- Hand over the question paper cum answer sheet (Objective) within the allotted time (20 minutes / 10 minutes) to the invigilator.

Full Marks	Marks Obtained	Remarks
20		

Scrutinizer's Signature

Examiner's Signature

Invigilator's Signature