

BCA/BA PSYCHOLOGY
SECOND SEMESTER (SPECIAL REPEAT)
ENVIRONMENTAL STUDIES
BEV-720

(Use separate answer scripts for Objective & Descriptive)

Duration : 3 hrs.

Full Marks : 70

(PART-A : Objective)

Time : 20 min.

Marks : 20

Choose the correct answer from the following:

1 × 20 = 20

1. What is the scope of environmental studies?
 - a. Social awareness
 - b. Understand real life situation
 - c. Sustainable development
 - d. All the above
2. The part of earth and atmosphere where organisms live is called
 - a. Biotic
 - b. Biomass
 - c. Biosphere
 - d. All of above
3. Which of the following is not a role of public in environment protection?
 - a. Social awareness
 - b. Conservative actions
 - c. Use of renewable resources
 - d. None of the above
4. Overgrazing leads to
 - a. Species extinction
 - b. Nutrient imbalance
 - c. Soil erosion
 - d. Both A & C
5. Deforestation rate is alarming at
 - a. Temperate countries
 - b. Polar regions
 - c. Tropical countries
 - d. None of the above
6. Which of the following is responsible for desertification?
 - a. Deforestation
 - b. Overgrazing
 - c. Mining
 - d. All the above
7. Which of the following show water pollution?
 - a. More dissolved oxygen
 - b. Less Biochemical oxygen demand
 - c. More Biochemical Oxygen Demand
 - d. None of these
8. Biological magnification problem could be depicted from
 - a. Energy flow
 - b. Ecological pyramid
 - c. Food chain
 - d. All of these
9. Development of bare area started in a succession stage due to
 - a. Disease outbreak
 - b. Migration
 - c. Competition
 - d. All of these
10. Drinking water should be
 - a. Pure
 - b. Free from microorganisms
 - c. Free from any chemicals
 - d. All of above

11. The latest national park in Assam is
 - a. Dehing Patkai
 - b. Raimona
 - c. Dibru-Saikowa
 - d. All of above
12. Kaziranga National Park is a
 - a. Protected Area
 - b. World heritage site
 - c. Hotspot
 - d. Both a & b
13. Which is/are correct in terms of an ecosystem?
 - a. Ecosystem is minor structural and functional unit of ecology
 - b. The flow of energy is unidirectional
 - c. Size of an ecosystem is fixed
 - d. All of above are correct
14. Which of the following is a primary air pollutant?
 - a. Carbon monoxide
 - b. Ozone
 - c. Smog
 - d. All of above
15. Which is more favourable for a stable ecosystem?
 - a. Short food chains, simple food webs
 - b. Long food chains, complex food webs
 - c. Short food chains, complex food webs
 - d. Long food chains, simple food webs
16. Because of little vertical mixing, water pollution is more in
 - a. Lake
 - b. Pond
 - c. River
 - d. All of above
17. Why most of the sunlight does not penetrate to the ground in evergreen forest?
 - a. Because of snow fall
 - b. Because of less temperature
 - c. Because of trees overlap with each other
 - d. All of above
18. Choose the correct statement(s).
 - a. Vulnerability of a house in riverine area is less towards flood hazard
 - b. Human property or lives may not be involved in a disaster
 - c. One hazard may not become a disaster
 - d. All are correct statements
19. Thermal pollution is related to
 - a. Air
 - b. Water
 - c. Global warming
 - d. All of above
20. Which of the following scheme provide education to girls and their welfare?
 - a. SWADHAR Scheme
 - b. Beti Bachao Beti Padhao
 - c. UJJAWALA
 - d. One Stop Centre Scheme

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[PART-B : Descriptive]

Time : 2 hrs. 40 min.

Marks : 50

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

1. What are primary air pollutants and secondary air pollutants?
Discuss impacts of different air pollutants. 5+5=10
2. Write short notes on: (*any two*) 5+5=10
 - a) Causes of deforestation.
 - b) Environmental impacts of mining.
 - c) Soil erosion and its control measures.
3. Define biodiversity. Enumerate the different methods for conservation of biodiversity. 1+9=10
4. What do you mean by structure and functions of an ecosystem?
Discuss ecological pyramids. 4+6=10
5. What are the components of environment? Discuss the importance of public awareness and environmental education for environment protection. 2+8=10
6. What is water pollution? Discuss sources and impacts of surface water pollution. 2+8=10
7. Write short notes on: (*any two*) 5+5=10
 - a) Drinking water quality parameters
 - b) Acid rain
 - c) Ozone layer depletion
8. Define Immigration & Natality rate? What are the greatest consequences of population growth? 1+1+8=10

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