

Total No. of Questions: 25

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AISSMS College of Hotel Management and Catering Technology, Pune

Seat No:

[0607]/VEC237/2025/BHMCT_SEM3

SYBHMCT (BHMCT_SEM3) Examination, 2025

VEC237 - ENVIRONMENTAL SCIENCE I

(Rev. 2023 Pattern)

Time: 1 Hour

Maximum Marks: 25

Instructions: -

(i) *Select Correct Options*

(ii) *All questions are compulsory.*

- Q1. Which of the following disciplines is not directly related to Environmental Studies? [1]
- A. Ecology
 - B. Sociology
 - C. Zoology
 - D. Accountancy
- Q2. Environmental awareness is important because: [1]
- A. It helps increase pollution
 - B. It encourages irresponsible use of resources
 - C. It promotes conservation and sustainability
 - D. It reduces education levels
- Q3. An ecosystem is: [1]
- A. A community of organisms interacting with their physical environment
 - B. Only abiotic components
 - C. Only plants
 - D. A social system
- Q4. Producers in an ecosystem are: [1]
- A. Herbivores
 - B. Green plants
 - C. Decomposers
 - D. Carnivores
- Q5. Ecological succession is: [1]
- A. Gradual replacement of one community by another
 - B. Sudden habitat destruction
 - C. Random growth of plants
 - D. A process of soil erosion

- Q6. Estuaries are: [1]
A. Freshwater lakes
B. Places where river meets sea
C. Mountain slopes
D. Underground reservoirs
- Q7. The most stable ecosystem is: [1]
A. Pond
B. Forest
C. Ocean
D. Desert
- Q8. Ecological balance is maintained by: [1]
A. Human activities
B. Natural interactions between biotic and abiotic components
C. Deforestation
D. Pollution
- Q9. Land degradation means: [1]
A. Urban growth
B. Improvement of soil
C. Increase in biodiversity
D. Decline in land productivity
- Q10. Soil erosion is primarily caused by: [1]
A. Water and wind
B. Forests
C. Wildlife
D. Birds
- Q11. Drought occurs because of: [1]
A. Excess rainfall
B. Urbanization
C. Deforestation only
D. Lack of rainfall and groundwater depletion
- Q12. Over-extraction of groundwater results in: [1]
A. Soil fertility
B. Water scarcity
C. Pollution removal
D. Flood control
- Q13. Renewable energy sources are: [1]
A. Fossil fuels
B. Wind
C. Nuclear
D. Coal

- Q14. Solar energy is harnessed using: [1]
A. Turbines
B. Coal plants
C. Photovoltaic cells
D. Dams
- Q15. The main disadvantage of fossil fuels is: [1]
A. They are renewable
B. They are solar-based
C. They are cheap
D. They cause pollution and are exhaustible
- Q16. Hydropower depends on: [1]
A. Flowing water
B. Fossil fuels
C. Air pressure
D. Coal
- Q17. Biodiversity refers to: [1]
A. Variety of life forms on Earth
B. Rocks
C. Air pressure
D. Soil fertility
- Q18. India has ____ biogeographic zones. [1]
A. 10
B. 12
C. 14
D. 15
- Q19. The Western Ghats and Eastern Himalayas are: [1]
A. Biodiversity hot spots
B. Industrial zones
C. Forest reserves only
D. Deserts
- Q20. An endangered species is: [1]
A. At risk of extinction
B. Common
C. Increasing in number
D. Least concerned
- Q21. In-situ conservation means: [1]
A. Within natural habitat
B. Outside natural habitat
C. In laboratories
D. Every where

- Q22. Ecological services include: [1]
- A. Modernization
 - B. Industrial growth
 - C. Urbanization
 - D. Pollination, nutrient cycling, oxygen production
- Q23. Ethical value of biodiversity is: [1]
- A. Respecting all life forms
 - B. Exploiting species
 - C. Ignoring nature
 - D. Deforestation
- Q24. Abiotic components are: [1]
- A. Air, water, soil, temperature
 - B. Animals
 - C. Plants
 - D. Birds
- Q25. What does the term “sustainability” mean? [1]
- A. Expanding industrial development at any cost
 - B. Using all resources for economic growth
 - C. Dependence on fossil fuels for energy
 - D. Meeting present needs without compromising future generations
