

Total No. of Questions: 25

Total No. of Printed Pages: 4

AISSMS College of Hotel Management and Catering Technology, Pune

Seat No:

[0607]/VEC239/2025/BHMCT\_SEM3

SYBHMCT (Third Semester) Examination, 2025

VEC239 - ENVIRONMENTAL SCIENCE I

(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

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