

Total No. of Questions: 25

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AISSMS College of Hotel Management and Catering Technology, Pune

Seat No:

[0607]/VEC239/2026/BHMCT_SEM3

SYBHMCT (Third Semester) Examination, 2026

VEC239 - ENVIRONMENTAL SCIENCE I

(2023 Pattern)

Time: 1 Hour

Maximum Marks: 25

Instructions: -

(i) *Select Correct Options*

(ii) *All questions are compulsory.*

Q1. Name the day that is celebrated as the World Environment Day. [1]

- a) June 5th
- b) June 6th
- c) June 8th
- d) June 10th

Q2. Which factor does not contribute to sustainable development? [1]

- a) Renewable energy use
- b) Preservation of biodiversity
- c) Deforestation for agriculture
- d) Waste reduction

Q3. What is the animal symbol of W. W. F (World Wildlife Fund)? [1]

- a) Red Panda
- b) Giant Panda
- c) Tiger
- d) Kangaroo

Q4. The cutting down of trees is termed as _____. [1]

- a) Forestation
- b) Plantation
- c) Deforestation
- d) Biodiversity

Q5. All are In-Situ conservation efforts except _____. [1]

- a) National Parks
- b) Sanctuaries
- c) Biosphere Reserves
- d) Zoo

- Q6.** The organisms that live on organic materials and absorb organic molecules by digesting enzymes are called _____. [1]
- a) Decomposers
 - b) Producers
 - c) Carnivores
 - d) Omnivores
- Q7.** Trophic levels are formed by _____. [1]
- a) Only Plants
 - b) Only Animals
 - c) Only Carnivorous
 - d) Organisms linked in food chain
- Q8.** Deforestation may reduce the chances of _____. [1]
- a) Frequent Landslides
 - b) Erosion of Surface Soil
 - c) Rainfall
 - d) Frequent Cyclones
- Q9.** Which one of the following is an example of nonrenewable resource? [1]
- a) Water
 - b) Vegetation
 - c) Wind
 - d) Coal and minerals
- Q10.** What are the three R's to save the environment? [1]
- a) Reduce, Recycle, Reuse
 - b) Replenish, Reduce, Reuse
 - c) Reconstruct, Recycle, Reduce
 - d) Reduce, Recycle, Remove
- Q11.** What is the purpose of rain-water harvesting? [1]
- a) To hold rain water on the surface of the earth.
 - b) To recharge ground water.
 - c) To use water for the irrigation of crops.
 - d) To rear fish
- Q12.** Noise is measured in _____. [1]
- a) Joule
 - b) Decibel
 - c) Hertz
 - d) Sound
- Q13.** Ecology deals with the study of: [1]
- a) Living beings
 - b) Living and non-living components
 - c) Reciprocal relationship between living and non-living components
 - d) Environment

- Q14.** Energy flow in ecosystem is _____. [1]
a) Unidirectional
b) Bidirectional
c) Multidirectional
d) None of the above
- Q15.** Plants are also regarded as _____. [1]
a) Flora
b) Fauna
c) Flower
d) Botany
- Q16.** The variety among species and within species is classified as _____. [1]
a) Diversity
b) Deduction
c) Reduction
d) Informatics
- Q17.** Soil erosion can be prevented by _____. [1]
a) Overgrazing
b) Increasing Birds Population
c) Afforestation
d) Removal of Vegetation
- Q18.** An extensive number of chains interlinked in an ecosystem forms a _____ together. [1]
a) Food Chain
b) Food Web
c) Carbon Cycle
d) Nitrogen Cycle
- Q19.** Which one of these does NOT refer to the direct use of forest products? [1]
a) Grass for grazing
b) Gums and resins
c) Medicine
d) Bamboo for baskets
- Q20.** How many total numbers of biodiversity hotspots are there in the world? [1]
a) 36
b) 32
c) 16
d) 18
- Q21.** Which of the following is an autotrophic component of a pond? [1]
a) Fungi
b) Water
c) Phytoplankton
d) Fishes

- Q22.** Which one of the following is the correct sequence of a grassland food chain? [1]
- a) Grass → Wolf → Bacteria → Deer
 - b) Grass → Deer → Fungi → Wolf
 - c) Grass → Deer → Wolf → Fungi
 - d) Grass → Fungi → Wolf → Deer
- Q23.** Which one of the following is the correct sequence of an aquatic food chain? [1]
- a) Phytoplankton → Fishes → Fungi → Zooplankton
 - b) Phytoplankton → Zooplankton → Fishes → Fungi
 - c) Phytoplankton → Fungi → Zooplankton → Fishes
 - d) Zooplankton → Phytoplankton → Fishes → Fungi
- Q24.** A group of individuals of a plant or animal species, inhabiting a given area is called _____. [1]
- a) Biome
 - b) Population
 - c) Ecosystem
 - d) Community
- Q25.** Conservation outside the natural habitat is _____. [1]
- a) Insitu Conservation
 - b) Exsitu Conservation
 - c) Invivo Conservation
 - d) Exvivo Conservation
