

Total No. of Questions: 25

Total No. of Printed Pages: 4

AISSMS College of Hotel Management and Catering Technology, Pune

Seat No:

[0607]/HSVEC118/2026/BSCHS_SEM1_Revised

FYBSCHS (First Semester) Examination, 2026

HSVEC118 - Environment Science I

(2023 Pattern)

Time: 1 Hour

Maximum Marks: 25

Instructions: -

- (i) *Select Correct Options*
- (ii) *All questions are compulsory.*

- Q1.** Which of these layers of the atmosphere consists of the ozone layer that is responsible for absorbing the Ultra-Violet (UV) light? [1]
- a) Troposphere
 - b) Mesosphere
 - c) Stratosphere
 - d) Atmosphere
- Q2.** Which of the following best defines sustainable development? [1]
- a) Meeting the needs of the present without compromising the ability of future generations to meet their own needs
 - b) Focusing solely on economic development
 - c) Development that ignores environmental concerns
 - d) Using non-renewable resources freely
- Q3.** Environmental studies is considered a _____ discipline. [1]
- a) Singular
 - b) Multidisciplinary
 - c) Mathematical
 - d) Theoretical
- Q4.** Which of these ecosystems has the highest biodiversity? [1]
- a) Desert
 - b) Grassland
 - c) Forest
 - d) Urban
- Q5.** What is the main source of energy for an ecosystem? [1]
- a) Wind
 - b) Water
 - c) Air
 - d) Light

- Q6.** Which of the following is a renewable resource? [1]
- a) Coal
 - b) Petroleum
 - c) Solar Energy
 - d) Natural Gas
- Q7.** Soil erosion is mainly caused by: [1]
- a) Urban development
 - b) Wind and water
 - c) Industrialization
 - d) Mining only
- Q8.** Which of the following leads to deforestation? [1]
- a) Afforestation
 - b) Dam building
 - c) Eco-tourism
 - d) Water harvesting
- Q9.** Which is a non-renewable energy source? [1]
- a) Wind
 - b) Solar
 - c) Coal
 - d) Hydro
- Q10.** Genetic diversity refers to the variety of: [1]
- a) Ecosystems in an area
 - b) Genes within a species
 - c) Species in an area
 - d) Habitats in an ecosystem
- Q11.** Which is a biodiversity hotspot in India? [1]
- a) Thar Desert
 - b) Himalayas
 - c) Gangetic Plain
 - d) Deccan Plateau
- Q12.** India is known as a mega-biodiversity nation due to: [1]
- a) Its industrial capacity
 - b) Its population size
 - c) Its diverse ecosystems and species
 - d) Its technology development
- Q13.** A major threat to biodiversity is: [1]
- a) Eco-tourism
 - b) Habitat loss
 - c) Reforestation
 - d) Seed banks

- Q14.** In-situ conservation refers to: [1]
- a) Conserving species in zoos
 - b) Using biotechnology
 - c) Conserving species in their natural habitat
 - d) Exporting species for research
- Q15.** An example of ex-situ conservation is: [1]
- a) Wildlife sanctuary
 - b) National park
 - c) Seed bank
 - d) Biosphere reserve
- Q16.** Ecological value of biodiversity includes: [1]
- a) Pollination of crops
 - b) Genetic engineering
 - c) Urban development
 - d) None of these
- Q17.** Which of the following is an aquatic ecosystem? [1]
- a) Desert
 - b) Pond
 - c) Savanna
 - d) Grassland
- Q18.** Which energy source is best suited for sustainability? [1]
- a) Coal
 - b) Nuclear
 - c) Solar
 - d) Petrol
- Q19.** Food chain and food web are related to: [1]
- a) Genetic diversity
 - b) Energy flow in ecosystem
 - c) Climate change
 - d) Land use
- Q20.** Which of the following is not a biogeographic zone of India? [1]
- a) The Trans-Himalayas
 - b) Western Ghats
 - c) Sahara Desert
 - d) Deccan Plateau
- Q21.** Which term refers to the illegal killing of wildlife? [1]
- a) Conservation
 - b) Poaching
 - c) Migration
 - d) Rehabilitation

- Q22.** Which of the following best explains ecological succession? [1]
- a) Disappearance of biodiversity due to pollution
 - b) Gradual changes in species structure of an ecosystem over time
 - c) Sudden extinction of species
 - d) Introduction of invasive species
- Q23.** Which of the following activities leads to desertification? [1]
- a) Reforestation
 - b) Overgrazing
 - c) Irrigation
 - d) Irrigation
- Q24.** Which of the following species is considered endemic to India? [1]
- a) Asiatic Lion
 - b) African Elephant
 - c) Kangaroo
 - d) Panda
- Q25.** Informational value of biodiversity refers to: [1]
- a) Using nature for recreation
 - b) Traditional knowledge and scientific research benefits
 - c) Religious uses
 - d) Economic export of species
