



K. Sambath

Avinashilingam Institute for Home Science and Higher Education for Women

(Deemed to be University under Category 'A' by MHRD, Estd. u/s 3 of UGC Act 1956)

Re-accredited with 'A++' Grade by NAAC. Recognised by UGC Under Section 12B

Coimbatore - 641 043, Tamil Nadu, India

Bachelor's Degree Arrear Examination – November 2024 II Semester

Class : 2023 Batch
Major : All Major

Time: 3 Hours
Max. Marks: 100

23BAEES1 Environmental Studies

Part A

Choose the correct Answer

10 x 1 = 10

1. The type of energy which is stored in the earth is CO1K3
a) Mechanical b) Solar
c) Chemical d) Geothermal
2. The activity which can lower the water table is CO1K3
a) Soil Erosion b) Growth of human population
c) Over extraction of ground water d) over grazing
3. An extensive number of chains interlinked in an eco-system forms CO2K1
a) Food Chain b) Food Web
c) Carbon cycle d) Nitrogen cycle
4. The largest source of commercial energy consumption of the world is CO3K3
a) Nuclear b) Natural gas
c) Oil d) Coal
5. The World Environment Day is celebrated on CO3K3
a) July 5th b) June 10th
c) October 20th d) June 5th
6. Brackish water system can be found in CO4K3
a) Wetlands b) Streams
c) Deltas d) Coastal areas
7. Hotspots are regions of high CO4K1
a) Rareism b) Endemism
c) Diversity d) Critically endangered
8. Population is a group of CO5K1
a) Individual in a family b) Ecological Education
c) Communities in ecosystem d) Species in a community
9. The most frequently occurring disaster is CO5K3
a) Tsunami b) Drought
c) Earthquake d) Flood
10. Refuse, reduce, reuse and recycle is the main theme of CO5K1
a) Environmental balance b) Ecological education
c) Ecological balance d) Environmental education

Part B

5 x 6 = 30

Answer All questions

Each answer should not exceed 400 words or two pages

- 11 a Evaluate the objective of public awareness. CO1K2
(or)
11 b. Give the uses and exploitation of mineral resources. CO1K1
- 12 a Write the process of ecological succession. CO2K3
(or)
12 b What are the biotic and abiotic components of the ecosystem. CO2K1
- 13 a Differentiate between marine and water pollution. CO3K2
(or)
13 b Describe the methods of waste water treatment. CO3K3
- 14 a Discuss about the importance of environmental ethics. CO4K3
(or)
14 b What are the major causes of man wild life conflict. CO4K1
- 15 a What are the two different ways of waste generation? Explain. CO5K1
(or)
15 b Discuss about the need and schemes for women welfare. CO5K1

Part C

Answer All questions

Each answer should not exceed 800 words or four Pages 5 x 12 = 60

- 16 a Explain the problems of water resources. CO1K3
(or)
16 b Explain in detail the structure and function of the Ecosystem. CO1K3
- 17 a Draw the process of Food Chain and Food web. CO2K1
(or)
17 b Explore the various hotspots of biodiversity. CO2K1
- 18 a Describe the role to be played by an individual in prevention of environmental pollution. CO3K1
(or)
18 b Explain the types of collection systems of municipal solid waste4s. CO3K1
- 19 a Explain in detail the components of rain water harvesting system. CO4K1
(or)
19 b Discuss the role of information technology in environment and human health. CO4K1
- 20 a Explain the impact of overpopulation on the different aspects of living in India. CO5K3
(or)
20 b Discuss the various women and child welfare programs practiced in India. CO5K1
