



Mamunee

## Avinashilingam Institute for Home Science and Higher Education for Women

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

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

Coimbatore - 641 043, Tamil Nadu, India

### Master of Education / M.Ed. Special Education Degree Examination – July 2022 II Semester

Class : I M.Ed. / I M.Ed. Spl. Edn.

Time : 3 Hours

Max. Marks : 100

#### 21MEDI01 Interdisciplinary Course: Environmental Education

##### Course Outcomes:

CO1: List the aims and objectives of environmental education

CO2: Acquire the basic principles and practices of the environmental education at secondary and Higher secondary level

CO3: Realise the importance of Natural resources and the role of an individual and associated problems

CO4: Acquire the knowledge of eco system and its importance in environmental education

CO5: Describe various measures for preventing and control of pollution

#### Part A

10 x 1 = 10

#### Choose the Correct Answer

- Which process aims at the sensible utilization of resources for development? CO1 K4  
a. Awareness b. Real life situations  
c. Conservation d. Sustainable development
- The International Conference of UNESCO (1977) held at CO1 K1  
a. Ahmedabad b. Tbilisi  
c. Patna d. London
- The primary cause of water pollution is CO2 K2  
a. Plants b. Animals c. Human activities d. Environment
- The removal of the top layer of the soil is CO2 K1  
a. Soil Erosion b. Water Erosion  
c. Wind Erosion d. Mining
- The ratio between energy flows at different points in a food chain is known as Ecological CO3 K2  
a. capacity b. efficiency c. assimilation d. potential
- How many parts are there in the forest ecosystem? CO3 K2  
a. 1 b. 3 c. 6 d. 2
- The source of outdoor noise worldwide is mainly caused by CO4 K6  
a. Animals b. Plants c. Human being d. Machines
- Thermal pollution also called as Thermal CO4 K1  
a. enrichment b. supplementation c. development d. fortification
- A branch of applied philosophy that studies the conceptual foundations of environmental values is CO5 K3  
a. Environmental ethics b. Code of conduct  
c. Consumerism d. Waste products management
- When the level of Carbon dioxide in the atmospheric air increases, it leads to CO5 K2  
a. Air pollution b. Atmospheric pollution  
c. Greenhouse effect d. Global warming

**Part B****5 x 6 = 30****Answer ALL questions****Each answer should not exceed 400 words or two pages**

- 11.a. State the nature of Environmental education. CO1 K1  
(or)
- 11.b. Mention the aims of teaching Environmental education at higher secondary level. CO1 K6
- 12.a. Examine the main purpose of National Water Policy. CO2 K6  
(or)
- 12.b. Bring out the causes of Land degradation. CO2 K4
- 13.a. Write a brief note on Forest Ecosystem. CO3 K3  
(or)
- 13.b. Explain Aquatic Ecosystem. CO3 K3
- 14.a. Explain the water Borne diseases. CO4 K3  
(or)
- 14.b. Highlight the effects of noise pollution on human beings. CO4 K4
- 15.a. What is meant by environmental ethics? CO5 K2  
(or)
- 15.b. Write the importance of waste products management. CO5 K3

**Part C****5 x 12 = 60****Answer ALL questions****Each answer should not exceed 800 words or four pages**

- 16.a. Explain the meaning and scope of Environmental education in terms of sustainable development. CO1 K6  
(or)
- 16.b. i) Enlighten the objectives of teaching Environmental education at secondary level. CO1 K2  
ii) Discuss some of the activities to promote environmental education at secondary level.
- 17.a. Examine the environmental effects of extracting and using mineral resources. CO2 K5  
(or)
- 17.b. Summarize the role of an individual in conservation of natural resources. CO2 K5
- 18.a. Describe the structure and functions of Eco system. CO3 K1  
(or)
- 18.b. Explain food chains, food webs and ecological pyramids with example. CO3 K2
- 19.a. Explain the phenomenon of 'Green House Effect'. How does it lead to global warming? CO4 K3  
(or)
- 19.b. Explain the concept of 'Acid Rain' and its adverse effects. CO4 K4
- 20.a. Discuss the issues involved in enforcement of environmental legislation. CO5 K2  
(or)
- 20.b. Critically analyse the problems and concerns related to resettlement and rehabilitation of people. CO5 K6

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