

**DKM COLLEGE FOR WOMEN (AUTONOMOUS), VELLORE-1**

**DEPARTMENT OF FOODS AND NUTRITION**

**ENVIRONMENTAL STUDIES**

**SUB CODE:CESIA**

**CLASS: I BSC**

**UNIT-I      6 Marks Questions**

1. Define environmental studies and their applications.
2. What is pollution? Explain with examples.
3. What are the biotic components of an ecosystem?
4. Define producers, consumers and decomposers.
5. What is a food chain? Explain with examples.
6. What is atmosphere? Explain its types.

**15 Marks Questions**

1. Write the scope of environmental studies.
2. Write an account on the importance of environmental studies.
3. Explain the need for public awareness on environmental studies.
4. Explain the steps taken by the Indian Government to create awareness on the protection of environment.

**UNIT-II 6 Marks Questions**

1. Write an account on forest resources.
2. Explain the effects of the destruction of forests.
3. Write on account on ground water.
4. How ground water resources could be improved?
5. What is drought? How it could be controlled?
6. What are the effects or water cycle changes?
7. Explain how the environment is spoiled by mining process.
8. Write an account on food resources.
9. Explain the changes caused due to agriculture and overgrazing.
10. Describe the ill effects of modern agriculture methods.
11. Summarize the problems created by fertilizers and pesticides.
12. Write an account on energy resources.

13. What are renewable energy resources?
14. What are non-renewable energy resources?
15. What are conventional and non conventional energy resources?
16. Write an account on wind energy.
17. What is ocean energy? Explain
18. List out the merits and demerits of solar energy.
19. Write a short note on geothermal energy.
20. Write an account on biogas energy.

#### **15 Marks Questions**

1. Write an essay on water resources.
2. Explain the problems arising out of ground water depletion.
3. What are dams? What are their uses? What are their effects?
4. Write an essay on floods.
5. Write an essay on mineral resources.
6. Write an essay on solar energy.
7. Write an essay on land resources

#### **UNIT-III      6 Marks Questions**

1. Explain the concept of an ecosystem.
2. Describe the structure and functions of an ecosystem.
3. What are the components of an ecosystem?
4. Describe the energy flow in a ecosystem.
5. What is ecological succession
6. Write an account on forest ecosystem

#### **15 Marks Questions**

1. Write notes on:
  - a) Food chain
  - b) Food web
  - c) Ecological pyramid
2. Write an essay on pond ecosystem
3. Write notes on:
  - a) Desert ecosystem
  - b) Grassland ecosystem.

#### **UNIT-IV    6 Marks Questions**

1. What is biodiversity? Explain its kinds
2. Classify India based on its biogeography
3. What are the values of biodiversity?
4. Explain biodiversity at global level.
5. Give a list of sanctuaries and national parks of India.
6. India is a mega diversity zone-Discuss.
7. Write an account on India forests.
8. What are hot spots? What are endemic species?
9. Sum up the threats to biodiversity.
10. What are in-situ and ex-situ conservation?

#### **15 Marks Questions**

1. Write notes on:
  - a) Genetic diversity
  - b) Species diversity
  - c) Ecosystem diversity
2. Write an essay on hot spots.
3. Write an account on endangered species.

#### **UNIT-V            6 Marks Questions**

1. Write an account on the sources, causes and effects of air pollution
2. What do you know about soil pollution?
3. Write an account on marine pollution
4. Explain noise pollution
5. What are nuclear hazards?

#### **15 Marks Questions**

1. Write an essay on water pollution
2. Write an essay on thermal pollutions
3. Write an essay on the causes, effects and management of solid wastes of cities and industries.

4. Write an account on disaster management.