

**FACULTY OF ENGINEERING**

**B.E. (ECE/M/P/AE/IT) (AICTE) II – Semester (Main & Backlog) Examination,  
December 2020**

**Subject: Environmental Science**

**Time: 2 Hours**

**Max.Marks: 70**

**Note: (Missing any data if, any can be assumed suitable).**

**PART – A**

**Answer any five questions.**

**(5 x 2 = 10 Marks)**

1. How public awareness and involvement can help in efforts of environmental protection?
2. List the effects of modern agriculture practices on the environment.
3. Describe the function of decomposers in food chain.
4. Briefly describe food chains with the help of a flow chart.
5. What is meant by productive use of biodiversity?
6. List the biogeographic zones of India.
7. Define air pollution along with the various types of pollutants.
8. List the salient features of air act.
9. List the impacts of disasters on the environment.
10. List the various stages of disaster management cycle.

**PART – B**

**Answer any four questions.**

**(4 x 15 = 60 Marks)**

- 11 a) Describe the multidisciplinary nature of environmental studies.  
b) Discuss the benefits and problems of dams.
- 12 a) Discuss universal model energy flow in an ecosystem with the help of a diagram.  
b) Discuss the pyramid of numbers with the help of a neat sketch.
- 13 a) Discuss types of biodiversity.  
b) Discuss the various threats to biodiversity in detail.
- 14 a) Discuss the measures to control noise pollution in detail.  
b) Discuss the salient features of Wildlife Act in detail.
- 15 a) Discuss the effects of disasters on development in detail.  
b) Differentiate between disaster management and disaster mitigation with the help of examples.
- 16 a) Explain the impact of disasters on infrastructure.  
b) Discuss the effects of over exploitation of forest resources.
- 17 a) Discuss the various methods for conservation of biodiversity.  
b) Explain the sources, effects and control methods of water pollution.

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