

Code No: F-13608/N/AICTE

**FACULTY OF ENGINEERING**

**B.E. (Civil/EEE/EIE/CSE/AI/CME/DS) I – Semester (AICTE) (Main & Backlog) (New)**  
**Examinations, February/March 2024**

**Subject: Environmental Science**

**Time: 3 Hours**

**Max. Marks: 70**

- Note:** (i) First question is compulsory and answer any four questions from the remaining six questions. Each question carries 14 Marks.  
(ii) Answer to each question must be written at one place only and in the same order as they occur in the question paper.  
(iii) Missing data, if any, may be suitably assumed

1. (a) Mention any two awareness programme of environmental issues to student.  
(b) What are some examples of different ecosystems that exist on our planet?  
(c) Write on Sustainable Energy resources.  
(d) Define biodiversity  
(e) What are acid rains?  
(f) Define Environmental pollution.  
(g) List the types of Disasters.
2. (a) Describe various renewable sources of energy  
(b) What are the methods of conservation soil erosion?
3. (a) Explain the problems created by construction of large dams for irrigation and power generation.  
(b) What is a food chain and food web? Describe the organisms which typically occupy various levels in an ecological pyramid.
4. (a) What is biodiversity at global, national and local levels?  
(b) Write about endangered and endemic species of India.
5. (a) Mention the different environmental acts and write about Water Act.  
(b) Explain solid waste management.
6. (a) Define disaster and list out the important perceptions on disasters  
(b) What are the key contributing factors to climate change and global warming, and what potential consequences do they pose for our planet's future?
7. (a) Explain the Issues involved in enforcement of environmental legislation.  
(b) How is human activity contributing to climate change, and what are the potential consequences for the planet's climate system and the well-being of societies worldwide.

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