Code No. D-2420/O/AICTE

FACULTY OF ENGINEERING

B.E. (Civil/EEE/EIE/CSE/CME/DS) I - Semester (Bridge Course) (AICTE)
(Backlog) (Old) Examination, March / April 2022

Subject: Environmental Science

Time: 3 Hours **Max. Marks: 70**

(Missing data, if any, may be suitably assumed)

PART – A

Note: Answer all questions. **(10 x 2 = 20 Marks)**

1 State the reasons of over exploitation of forests.
2 What is meant by eutrophication?
3 List out types of ecological succession.
4 Differentiate between food chain and food web.
5 What is meant by hotspots of biodiversity?
6 List out the aesthetic values of Biodiversity.
7 What is meant by Pollution?
8 Classify air pollutants with suitable examples.
9 List out few practices to reduce global warming.
10 Define Sustainable development.

PART – B

Note: Answer any five questions. **(5 x 10 = 50 Marks)**

11 (a) Define Land Degradation. Discuss the factors responsible for land degradation.
(b) Discuss the role of an individual in the conservation of natural resources.

12 (a) Discuss Desert Ecosystem.
(b) Explain the concept of energy flow in an ecosystem with the help of neat diagram.

13 (a) Describe the bio -geographical classification of India.
(b) Explain the different methods of conservation of Biodiversity.

14 (a) Define Solid waste management. Write the classification of solid wastes and their disposal methods.
(b) Describe global and national efforts to conserve Biodiversity.

15 (a) Discuss about watershed management.
(b) Describe Disaster Management in India.

16 (a) Explain the structure and function of a pond ecosystem.
(b) Discuss the various threats to biodiversity in detail.

17 (a) Discuss the importance of ozone layer and explain the possible consequences of depletion of ozone layer.
(b) Discuss the effects of disasters on development in detail.

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