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Roll No. ....

**TEV-101**

**B. TECH. (FIRST SEMESTER)  
MID SEMESTER EXAMINATION, 2021-22  
(All Branches)**

**ENVIRONMENTAL SCIENCE**

**Time : 1 : 30 Hours**

**Maximum Marks : 50**

**Note :** (i) Answer all the questions by choosing  
any *one* of the sub-questions.

(ii) Each question carries 10 marks.

1. (a) Write the role of environment education in academics. (CO1 : Concept of environment awareness.)

OR

- (b) Explain the multidisciplinary role of environmental science. (CO1 : Concept of environment awareness.)

(2)

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2. (a) Explain the various components of ecosystem with suitable examples. (CO1 & CO2 : Concept of ecology and ecosystem)

OR

- (b) Differentiate between the following (CO1 & CO2 : Concept of ecology and ecosystem):
- (i) Natural ecosystem and Artificial ecosystem
  - (ii) Ecology and Ecosystem
  - (iii) Habitat and Niche
  - (iv) Grazing food chain and Detritus food chain

3. (a) Define the ecological pyramid and explain the pyramid of numbers with a suitable figure. (CO1 : Concept of Ecology)

OR

- (b) Define the ecological succession. Discuss the various stages of ecological succession. (CO1 & CO2 : Concept of Ecology)

(3)

4. (a) Define the habitat, genetic diversity, food chain, food web and ecological pyramid of energy with suitable figure and example. (CO1 & CO2 : Concept of Ecosystem)

OR

- (b) Define the natural resources. Write the soil conservation practices with suitable figures. (CO1 : Concept of natural resources)
5. (a) Write the value of forest and their conservation methods. (CO2 : Concept of natural resources)

OR

- (b) Define the biodiversity and their conservation methods. (CO2 : Concept of natural resources)