

**H**

Roll No. ....

**TEV-101**

**B. TECH. (FIRST SEMESTER)**

**MID SEMESTER**

**EXAMINATION, Jan., 2023**

**ENVIRONMENT SCIENCE**

**Time : 1½ Hours**

**Maximum Marks : 50**

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

(ii) Each sub-question carries 10 marks.

1. (a) Explain the role of producer, consumer and decomposer in an ecosystem. (CO1)

OR

(b) Define the term Environment. Discuss the importance of environmental studies.

(CO1)

2. (a) What do you understand by Food Chain and Food Web ? Differentiate between grazing and detritus food chain. (CO1)

**P. T. O.**

(2)

OR

- (b) Define the Environment. Explain the Atmosphere, Lithosphere and Hydrosphere with suitable diagram. (CO1)
3. (a) Define the terms Ecological succession and its various stages. (CO1 & CO2)

OR

- (b) Define the ecological pyramid and its types with suitable figure. (CO1 & CO2)
4. (a) Write the merits and demerits of constructing the large hydropower dams in the Himalayan regions. (CO2)

OR

- (b) Give a note on Green Revolution and White Revolution. (CO2)
5. (a) Define biodiversity and explain in detail the levels of biodiversity. (CO2)

OR

- (b) What is Rain Water harvesting ? Explain some methodologies for harvesting the Rain Water ? Give suitable figures. (CO2)