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Roll No.

TEV-101

B. TECH. (FIRST SEMESTER)

MID SEMESTER

EXAMINATION, Nov., 2022

ENVIRONMENTAL SCIENCES

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) Write a note on "Multidisciplinary nature of Environmental Science". (CO1)

OR

- (b) Write the role of Environment education in the human society. (CO1)

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(2)

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2. (a) Write the components of ecosystem with suitable figure and examples. (CO2)

OR

- (b) Distinguish between Natural and Artificial Ecosystem. (CO2)

3. (a) Define the terms Habitat, Biome, Biosphere, Atmosphere, Hydrosphere.

(CO1 & CO2)

OR

- (b) Explain the Food Chain and Food Web with suitable figures. (CO1 & CO2)

4. (a) Define the Ecological Pyramid and explain the Pyramid of Biomass with suitable figure. (CO1 & CO2)

OR

- (b) Define the Biodiversity, Species Diversity, Ecosystem Diversity, Genetic Diversity and Hotspot area. (CO1 & CO2)

(3)

5. (a) Define the soil, and various soil conservation practices with suitable figures. (CO1 & CO2)

OR

- (b) Explain the major threats to the Forest resources and Forest conservation methods. (CO1 & CO2)

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