

H

Roll No.

TEV-201

B. TECH. (SECOND SEMESTER)

MID SEMESTER

EXAMINATION, April, 2023

ENVIRONMENTAL 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 scope and importance of environmental science. (CO1)

OR

(b) Discuss that environmental science is a multidisciplinary subject. (CO1)

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(2)

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2. (a) Describe the different segments of the environment with suitable diagram.

(CO1 and CO2)

OR

- (b) Explain the role of individuals in conservation of electricity and water resource.

(CO1 and CO2)

3. (a) Define food chain, food web, ecological pyramids and energy flow in ecosystem.

(CO2)

OR

- (b) Describe the pond as an ecosystem with suitable diagram.

(CO2)

4. (a) Explain the natural resources and its classification. Describe the benefits and drawbacks of the mining process on the environment.

(CO2)

OR

- (b) Describe the merits and demerits of nuclear energy.

(CO2)

(3)

5. (a) Define biodiversity and discuss the risks to biodiversity in details.

(CO2)

OR

- (b) Explain *in-situ* and *ex-situ* conservation of biodiversity. Also explain differences between *in-situ* and *ex-situ* conservation.

(CO2)

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1,550