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Roll No. ....

**TEV-201**

**B. TECH. (SECOND SEMESTER)  
MID SEMESTER EXAMINATION, 2018**

**(All Branches)**

**ENVIRONMENTAL SCIENCES**

**Time : 1 : 30 Hours**

**Maximum Marks : 50**

**Note :**(i) This question paper contains two Sections.

(ii) Both Sections are compulsory.

**Section—A**

1. Fill in the blanks : (1×5=5 Marks)
  - (a) Bacteria produce biogas after decomposition is called .....
  - (b) ..... is called bottom developer in aquatic ecosystem.
  - (c) Producers are called .....
  - (d) Microbes are called .....
  - (e) Topmost layer of soil is called .....
2. Attempt any *five* parts : (3×5=15 Marks)
  - (a) Distinguish between renewable and non-renewable natural sources with suitable examples.

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- (b) Define the Producers with suitable examples.
- (c) Differentiate between natural and artificial ecosystem.
- (d) Distinguish between biotic and abiotic components of ecosystem with suitable examples/flow chart/figures.
- (e) Define the producers in ecosystem with suitable examples.
- (f) Distinguish between grazing and detritus food chain with suitable figure/flow chart.

**Section—B**

- 3. Attempt any *two* parts of choice from (a), (b) and (c). (5×2=10 Marks)
  - (a) Write details about the pyramids of Biomass.
  - (b) Explain the producers and consumers of Grassland ecosystem.
  - (c) Write the role of Abiotic components of any ecosystem.
- 4. Attempt any *two* parts of choice from (a), (b) and (c). (5×2=10 Marks)
  - (a) Write the degradation causes of forest resources in details.
  - (b) Write demerits of Huge Dams in India.

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(3)

- (c) Write the forest conservation methods in details.
- 5. Attempt any *two* parts of choice from (a), (b) and (c). (5×2=10 Marks)
  - (a) Give details about food revolution in terms of white and green revolution in India.
  - (b) Explain the merits and demerits of biogas plant and solar energy plant.
  - (c) Write the importance of environmental education in undergraduate students.

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