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Roll No. ....

**TEV-201**

**B. TECH. (SECOND SEMESTER)  
MID SEMESTER EXAMINATION, 2019  
(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. Write True-False : (1×5=5 Marks)

(a) Food web is the basic unit of an ecosystem. (True/False)

(b) Niche is the permanent address of species on earth. (True/False)

(c) Detritus food chain found in mangrove area. (True/False)

(d) Vultures are called natural cleaner. (True/False)

(e) Sun is the resource of energy. (True/False)

(2)

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2. Attempt any *five* parts : (3×5=15 Marks)
- (a) Define the tangible and non-tangible resources with suitable examples.
  - (b) Define the produces with suitable examples.
  - (c) Differentiate with any *two* points between natural and artificial ecosystem.
  - (d) Define the critical minerals with suitable examples.
  - (e) Define the role of decomposers in ecosystem.
  - (f) Define the food chain with suitable figure.

**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 energy.
  - (b) Explain the rain water harvesting technique with suitable figure.
  - (c) Write the value of environmental education.

(3)

4. Attempt any *two* parts of choice from (a), (b) and (c). (5×2=10 Marks)
- (a) Explain the merits of Dams.
  - (b) Write soil formation process and causes of soil degradation.
  - (c) Explain the role of consumers in an ecosystem.
5. Attempt any *two* parts of choice from (a), (b) and (c). (5×2=10 Marks)
- (a) Give details about Green Revolution in India.
  - (b) Write the merits and demerits of solar power plants.
  - (c) Write the major threats to forest resources.

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