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TEV-101

B. Tech. (First Semester)
Mid Semester EXAMINATION, 2017
(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 chain 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 is the types of food chain. (True/False)
- (d) Vultures are called natural cleaner. (True/False)
- (e) Sun is the resource of energy. (True/False)

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2. Attempt any *five* parts : (3×5=15 Marks)
- (a) Define the natural sources and resources with suitable examples.
 - (b) Define the Producers with suitable examples.
 - (c) Differentiate with any *two* points between Land and Soil.
 - (d) Define the Critical minerals with suitable examples.
 - (e) Define the Decomposers in ecosystem with suitable examples.
 - (f) Define the Food web with suitable figure.

Section—B

3. Attempt any *two* parts of choice from (a), (b) and (c). (5×2=10 Marks)
- (a) Write in detail about the pyramids of Biomass.
 - (b) Explain the producers and consumers of Lentic ecosystem.
 - (c) Write the role of Biotic components of any ecosystem.
4. Attempt any *two* parts of choice from (a), (b) and (c). (5×2=10 Marks)
- (a) Write soil conservation methods in detail.
 - (b) Write demerits of Huge Dams in India.
 - (c) Write the forest conservation methods.

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5. Attempt any *two* parts of choice from (a), (b) and (c). (5×2=10 Marks)
- (a) Give details about white revolution in India.
 - (b) Explain the merits and demerits of Biogas plant.
 - (c) Write the importance of environmental education.

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