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TEV-201

B. Tech. (Second Semester)

Mid Semester EXAMINATION, 2017

(All Branches)

ENVIRONMENTAL STUDIES

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/True-False : (1×5=5 Marks)

(a) percentage of forest cover is responsible for sustaining earth.

(b) Burning of biomass produce

(c) Material that can be transformed into more valuable and useful product is called

(d) India has second largest reservoir of after Brazil.

(e) The main causes of deforestation is

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2. Attempt any *five* parts : (3×5=15 Marks)
- (a) Define the renewable natural resources with examples.
 - (b) What are the minerals ?
 - (c) Define the Ecosystem.
 - (d) Define the Saprotrops.
 - (e) Define the producers.
 - (f) What is soil ?

Section—B

3. Attempt any *two* parts of choice from (a), (b) and (c). (5×2=10 Marks)
- (a) Writes the merits and demerits of huge dams in Indian Himalayan Region along with suggestions to minimize their effects in Himalayan region.
 - (b) Explain the upright and inverted pyramids of biomass with suitable figure and example.
 - (c) Explain the components of an ecosystem with examples.
4. Attempt any *two* parts of choice from (a), (b) and (c). (5×2=10 Marks)
- (a) Write the values of forest and major threats to forest resources.
 - (b) Write the values of Environmental education in undergraduate courses.

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- (c) Write the benefits and limitations of solar energy and bio-gas plant.
5. Attempt any *two* parts of choice from (a), (b) and (c). (5×2=10 Marks)
- (a) Explain the pond ecosystem with suitable figure.
 - (b) Write in brief about consumers and decomposers of Lake Ecosystem.
 - (c) Write in short notes about Food web, Ecological pyramids.

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