

Code: 15A01101

**R15**

B.Tech I Year II Semester (R15) Regular &amp; Supplementary Examinations May 2018

**ENVIRONMENTAL STUDIES**

(Common to CE, EEE &amp; CSE)

Time: 3 hours

Max. Marks: 70

**PART – A**

(Compulsory Question)

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- 1 Answer the following: (10 X 02 = 20 Marks)
- (a) Give the differences between renewable and non-renewable resources.
  - (b) How awareness about environment helps people to protect the environment?
  - (c) Draw flow chart on energy flow in ecosystem.
  - (d) What are the significance of food chain and food web?
  - (e) What are the sources for noise pollution?
  - (f) Give brief account on photochemical smog.
  - (g) Write a short note on acid rain.
  - (h) Write about global warming.
  - (i) Give account on value education.
  - (j) What are the objectives of family welfare program in India?

**PART – B**

(Answer all five units, 5 X 10 = 50 Marks)

**UNIT – I**

- 2 What are the major causes and consequences of deforestation?

**OR**

- 3 Discuss the impact of dams on forest and tribal people.

**UNIT – II**

- 4 Describe forest and grassland ecosystems.

**OR**

- 5 Write short notes on producers, consumers and decomposers.

**UNIT – III**

- 6 Discuss sources of water pollution and various measures to conserve water.

**OR**

- 7 Describe disaster management during floods and cyclone.

**UNIT – IV**

- 8 Describe various measures to conserve water.

**OR**

- 9 Discuss the salient features of:

- (a) Wildlife (protection) act.
- (b) Forest conservation act.

**UNIT – V**

- 10 Give a detailed note on role of information technology in environment and human health.

**OR**

- 11 Give a detailed account on women and child welfare in India.

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