

Code: 15A01101

B.Tech I Year I Semester (R15) Regular &amp; Supplementary Examinations November/December 2018

**ENVIRONMENTAL STUDIES**

(Common to ECE, ME, EIE, IT and FT)

Time: 3 hours

Max. Marks: 70

**PART – A**  
(Compulsory Question)

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- 1 Answer the following: (10 X 02 = 20 Marks)
- (a) Distinguish between water logging and salinity.
  - (b) Mention four major mineral resources of India.
  - (c) What are different types of aquatic ecosystem?
  - (d) What are the Insitu and Exsitu conservation biodiversity?
  - (e) Write any four major impacts of nuclear hazards.
  - (f) When does a sound cause noise pollution?
  - (g) Give short note on 3Rs of waste management.
  - (h) State the significance of Indian Wildlife protection Act.
  - (i) What do you mean by population explosion?
  - (j) List out the schemes for child welfare in India.

**PART – B**  
(Answer all five units, 5 X 10 = 50 Marks)**UNIT – I**

- 2 What do you mean by deforestation? What are the problems caused by deforestation and how to control it?

**OR**

- 3 Discuss the consequences of overdrawing of surface and ground water.

**UNIT – II**

- 4 A seminar is organized by your college on “Endangered and endemic species of India”. What would be the expected points of discussion?

**OR**

- 5 Explain in detail about the energy flow through the ecosystem.

**UNIT – III**

- 6 Write in detail about the control measures of soil pollution.

**OR**

- 7 Being a proud Indian citizen what would be your individual role in prevention of pollution.

**UNIT – IV**

- 8 Write short notes on:

- (a) Sustainable development.
- (b) Waste land reclamation.

**OR**

- 9 Discuss about the nuclear accidents and holocaust.

**UNIT – V**

- 10 Describe the factors that affect human population growth rate.

**OR**

- 11 Explain the role of IT in environmental studies with a case study.

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