

CODE: 17CA51102

B. Tech I Year II Semester (R17) Supplementary Examinations, July/August - 2018

ENVIRONMENTAL STUDIES

(Common to EEE & CSE)

Time: 3 hours

Max Marks: 70

PART – A

1. Answer any **TEN** questions (10 x 2 = 20 Marks)
- (a) Define Lotic ecosystem?
 - (b) Describe Artificial ecosystem?
 - (c) Define carnivores?
 - (d) Describe Abiotic components of ecosystem?
 - (e) Define Natural ecosystem?
 - (f) Define herbivores?
 - (g) Describe Y-Shaped energy flow model?
 - (h) Discuss the types of Energy flow models in the ecosystem?
 - (i) Describe briefly fertilizer-pesticide problems in agriculture?
 - (j) Describe briefly scope of Environmental science?
 - (k) Explain briefly Uses of forest resources?
 - (i) Explain the flood?

PART - B

Answer all **FIVE** units (5 x 10 = 50 Marks)

UNIT-I

2. Give brief note on types of forests and explain conservation of Forest resources?

OR

3. Give brief note on importance of Mineral resources, Use and exploitation Mineral resources?

UNIT-II

4. Describe the different types of Food chains in the ecosystem with neat sketch?

OR

5. Describe the structure and function of ecosystem?

UNIT-III

6. Describe the types of diversity explain with suitable examples?

OR

7. Describe the Values of Biodiversity?

UNIT-IV

8. Define soil pollution and explain causes, effects and control measures of soil pollution?

OR

9. Define Marine pollution and explain causes, effects and control measures of Marine pollution?

UNIT-V

10. Describe the Resettlement and Rehabilitation issue of people explain with suitable case studies?

OR

11. Describe briefly Waste lands?
