

B.Tech I Year II Semester (R15) Supplementary Examinations November 2017

ENVIRONMENTAL STUDIES

(Common to CE, EEE & CSE)

Time: 3 hours

Max. Marks: 70

PART – A

(Compulsory Question)

- 1 Answer the following: (10 X 02 = 20 Marks)
- (a) State the scope environmental education.
 - (b) What are renewable resources? Give examples.
 - (c) How are biotic components grouped?
 - (d) Mention the two important bio-diversity hot spots in India.
 - (e) Name the sources and effects of marine pollution.
 - (f) What are the harmful effects of landslides?
 - (g) Write the concept of sustainable development.
 - (h) List the objectives of water management.
 - (i) What is meant by population explosion?
 - (j) Write the importance of value education.

PART – B

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

UNIT – I

- 2 Explain the consequences of deforestation on the environment.

OR

- 3 Discuss the impact of modern agriculture on the environment.

UNIT – II

- 4 Describe the structure and function of an ecosystem.

OR

- 5 What is meant by In situ and Ex- situ conservation and also write the merits and demerits of them.

UNIT – III

- 6 Discuss the various control measures of water pollution.

OR

- 7 List the various ways in which an individual can contribute towards pollution prevention in the society.

UNIT – IV

- 8 Write note on salient features of environmental protection act 1986 and water (prevention & control of pollution) act 1974.

OR

- 9 Write the need for water conservation and discuss the methods available for water conservation.

UNIT – V

- 10 Deterioration of environment leads to deterioration of human health. Justify.

OR

- 11 Write the necessity of formation of women self-help group and discuss the various measures for child welfare.
