

B.Tech I Year II Semester (R15) Regular & Supplementary Examinations May/June 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) Mention few ways of drought management.
 - (b) What is water logging?
 - (c) What is ecological succession?
 - (d) Differentiate between endangered and endemic species.
 - (e) What is marine pollution?
 - (f) How do cyclones form?
 - (g) Define sustainable development.
 - (h) State the major limitations in successful implementation of our environmental legislation.
 - (i) What is meant by value education?
 - (j) List some of the causes of population explosion.

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

- 2 Discuss the various techniques for harnessing solar energy.

OR

- 3 Explain the causes of land degradation in detail.

UNIT – II

- 4 What is biodiversity? How is it classified? Explain the values of biodiversity.

OR

- 5 Write in detail about endangered and endemic species of India.

UNIT – III

- 6 Discuss in detail about the consequences of nuclear hazards.

OR

- 7 Explain the causes, effects and control measures of industrial wastes.

UNIT – IV

- 8 (a) Write about any five ways of wasteland reclamation.
(b) How can we prevent pollution of oceans? Explain.

OR

- 9 How are the earthquakes caused and how are they measured? How can the effects of earthquakes be mitigated?

UNIT – V

- 10 Narrate the role of information technology in environmental management.

OR

- 11 Write the origin, mode of transmission, symptoms and control measures of AIDS.
