

[05 – 2205]

II/IV B.E. DEGREE EXAMINATION.

Second Semester

Electronics and Communication Engineering

ENVIRONMENTAL STUDIES

(Common for all branches)

(Effective from the admitted batch of 2004–2005)

Time : Three hours

Maximum : 70 marks

Question No.1 is compulsory.

(7 × 2 = 14)

Answer any FOUR from the remaining.

(4 × 14 = 56)

All questions carry equal marks.

1. Answer ALL questions :

- (a) Determine Environmental development.
- (b) What is soil erosion?
- (c) Give four benefits of dams.
- (d) What are hot spots?
- (e) What is varmiculture?
- (f) What is Green Revolution?
- (g) What is Sustainable Development?

2. Write about the structure and functions of Forest Ecosystem.
3. Give an account of the various energy resources of India and their merits and demerits.
4. Give the Bio - geochemical classification of India and add a brief note on threats to biodiversity.
5. Explain the causes, effects and control measures of water pollution.
6. Write a critical account of the effect of population growth on environment.
7. Explain about any TWO of the following :
  - (a) Environmental Impact Assessment.
  - (b) Resettlement and rehabilitation of people problems and concerns.
  - (c) Solid waste management
  - (d) Nuclear hazards.

8. Answer any TWO of the following :

(a) Environmental ethics

(b) Ozone depletion

(c) Coastal zone regulations

(d) Silent valley project.