

Code: 9ABS303

B.Tech II Year II Semester (R09) Supplementary Examinations December/January 2015/2016

ENVIRONMENTAL SCIENCE

(Electrical and Electronics Engineering)

Time: 3 hours

Max. Marks: 70

Answer any FIVE questions
All questions carry equal marks

- 1 (a) Discuss the multidisciplinary nature of environmental studies.
(b) Discuss the need for public awareness on environmental hazards.
- 2 (a) Discuss the effects of extracting and using mineral resources on environment.
(b) Describe the world food problems.
- 3 (a) What is the nature of a grassland ecosystem? Explain its structure and functions.
(b) Write about producers, consumers and decomposers in an ecosystem.
- 4 (a) Discuss India as a Mega-diversity nation.
(b) Write about the different threats to biodiversity.
- 5 (a) What is air pollution? Give the types and sources of air pollution.
(b) What is a hazardous waste? Give the characteristics of hazardous wastes.
- 6 (a) Discuss the need for water conservation.
(b) What are the functions of pollution control board to deal with the problems of water pollution in the country?
- 7 (a) Discuss different types of water – related diseases.
(b) Discuss the role of information technology in environment and human health.
- 8 (a) Write about the guidelines for the study of environmental assets.
(b) Specify guidelines for write up on a river ecosystem.
