

Code: 13R00401

R13

B.Pharm II Year II Semester (R13) Supplementary Examinations December 2016
ENVIRONMENTAL SCIENCE & ETHICS

Time: 3 hours

Max. Marks: 70

PART – A

(Compulsory Question)

- 1 Answer the following: (10 X 02 = 20 Marks)
- Write short note on world food problems.
 - What are the effects produced with fertilizers and pesticides?
 - Write a note on forest ecosystem.
 - Write the functions of aquatic ecosystems.
 - Write about India following biodiversity program.
 - Discuss the issues and possible solutions of environmental ethics.
 - Define water pollution and write its causes.
 - Write about the disaster management of floods.
 - Write a note on prudence.
 - What is morality?

PART – B

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

UNIT – I

- 2 Explain in detail the role of an individual in the conservation of natural resources.

OR

- 3 (a) Explain in brief about the use and exploitation of mineral resources stressing on the environmental effect of extracting the minerals with suitable examples of case studies.
(b) Briefly describe the use and exploration of forests giving suitable examples.

UNIT – II

- 4 (a) Briefly describe the concept, structure and functions of an ecosystem.
(b) Define Ecological succession, ecological pyramids and food webs.

OR

- 5 Explain the primary and secondary succession.

UNIT – III

- 6 Explain the following with suitable examples:

- Global warming.
- Acid rain.

OR

- 7 What is ecosystem diversity? Explain its features.

UNIT – IV

- 8 Briefly describe about:

- Air act 1981.
- Water act 1974.

OR

- 9 What are the effects of soil pollution? Suggest control measures.

UNIT – V

- 10 Write in detail about law, rule and act of ethics.

OR

- 11 Explain in detail about prudence and utilitarianism.