

Code: 13R00401

**R13**

B.Pharm II Year II Semester (R13) Supplementary Examinations May/June 2018

**ENVIRONMENTAL SCIENCE & ETHICS**

Time: 3 hours

Max. Marks: 70

**PART – A**

(Compulsory Question)

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- 1 Answer the following: (10 X 02 = 20 Marks)
- (a) Write a short note on forest resources.
  - (b) Mention problems associated with exploitation of ground water.
  - (c) List out characteristics of desert ecosystem.
  - (d) Explain the energy flow in ecosystem.
  - (e) What is poaching of wildlife?
  - (f) Discuss about ozone layer depletion.
  - (g) What is solid waste?
  - (h) Explain about women and child welfare.
  - (i) Define moral standards.
  - (j) What is meant by morality and prudence?

**PART – B**

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

**UNIT – I**

- 2 Discuss the role of individual in conservation of natural resources and importance of equitable use of resources for sustainable lifestyles.

**OR**

- 3 (a) Give the reasons for growing energy needs.  
(b) Write a brief note on renewable energy resource.

**UNIT – II**

- 4 Explain about food chains and food webs.

**OR**

- 5 Discuss about structure and function of forest ecosystem.

**UNIT – III**

- 6 Define biodiversity and explain in detail about threats to biodiversity.

**OR**

- 7 Write about rain water harvesting and watershed management.

**UNIT – IV**

- 8 Write a note on hazard effects of noise pollution.

**OR**

- 9 Write in detail about air prevention and control of pollution Act 1981.

**UNIT – V**

- 10 Explain about concept of ethics, law, rule and act.

**OR**

- 11 Write short notes on the following:

- (a) Goodness and role.
- (b) Moral standards.

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