

Code: 15A01101

R15

B.Pharm II Year I Semester (R15) Regular Examinations November 2016

ENVIRONMENTAL STUDIES

Time: 3 hours

Max. Marks: 70

PART – A

(Compulsory Question)

- 1 Answer the following: (10 X 02 = 20 Marks)
- (a) What are the primary needs of sustainable development?
 - (b) What are the threats to bio-diversity?
 - (c) Write a short note on nuclear hazards.
 - (d) Give the effects of deforestation.
 - (e) Write a short note on environmental protection act.
 - (f) What are the precautions to be taken in cyclone?
 - (g) Write a short note on family welfare programme.
 - (h) Write any two water conservation methods.
 - (i) What is the importance of value education?
 - (j) Write the various types of eco-system.

PART – B

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

UNIT - I

- 2 Write a brief note on renewable and non-renewable sources.

OR

- 3 Discuss in detail the different components of natural resources. What are the effects of modern agriculture?

UNIT - II

- 4 What is biodiversity? What is its significance? Describe various in-situ and ex-situ measures of preservation and protection of biodiversity.

OR

- 5 What is the significance of biodiversity for a nation? What are the characteristic features, structure and function of desert ecosystems?

UNIT - III

- 6 What are the causes and ill effects of water pollution? Also give controlling measures of air pollution.

OR

- 7 What are the causes and effects of air pollution? How do you control water pollution?

UNIT - IV

- 8 What is 'sustainable development'? Describe various sustainable life styles one should adopt for a sustainable development.

OR

- 9 What are the methods of rainwater harvesting? Write a brief note on 'forest conservation act'.

UNIT - V

- 10 What are the effects of population explosion? What is the role of information technology in human health?

OR

- 11 Write about family welfare, women and child welfare programs.