B. PHARM.

(SEM. VI) EXAMINATION, 2006-07

ENVIRONMENT & ECOLOGY

Time : 3 Hours] [Total Marks : 80

Note : (1) Answer all the questions.
       (2) All questions carry equal marks.
       (3) Be precise in your answer.

1 Answer any four of the following : 4×4=16
   (a) What is the importance of environment studies.
   (b) Classify natural resources giving suitable examples.
   (c) Write a note on deforestation.
   (d) Write about the ground water resources of India?
   (e) Briefly discuss non-renewable energy resources.

2 Answer any four of the following : 4×4=16
   (a) What do you understand by the term ecosystem?
   (b) Write a note on Nitrogen cycle.
   (c) Discuss Grassland ecosystem.
   (d) Write a note on Pyramid of Numbers.
   (e) What are the threats to Biodiversity?

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3 Answer any two of the following: 2×8=16
(a) Discuss primary and secondary air pollutants.
(b) Write a note on measures to control noise pollution.
(c) What is the effect of water pollution on Health?

4 Answer any two of the following: 2×8=16
(a) What are the objectives of the Water (Prevention and Control of Pollution) Act 1974. What are the functions of the Central Board under the Act.
(b) Discuss the importance of section 24 of the above Act. Briefly discuss the powers of the State Board under the Act.
(c) Discuss the offence and penalties under Air (Prevention and Control of Pollution) Act.

5 Answer any two of the following: 2×8=16
(a) Define the terms: environment, environmental pollution, environmental pollutant and Hazardous substances under the Environment Protection Act.
(b) Write a note on Disposal of Radioactive Waste.
(c) What are the powers of the Central Government under the Environment Protection Act for protection and improvement of the Environment?