

B. Pharmacy 1st Semester Examination

Environmental Science (CBS)

HS-102

Time : 3 Hours

Max. Marks : 60

The candidates shall limit their answers precisely within the answer-book (40 pages) issued to them and no supplementary/continuation sheet will be issued.

Note : Attempt five questions in all by selecting one question from Section A, B, C and D. Section E is compulsory.

SECTION - A

1. Discuss the relationship between man and environment and describe in detail the impact of technology on environment. (12)
2. Describe the Bio geographic classification of India and evaluate the value and importance of biodiversity. (12)

SECTION - B

3. Discuss the composition and structure of Earth's atmosphere and describe the major sources of air pollutants. (12)
4. Describe the sources, classification and effects of water pollutants in detail. (12)

SECTION - C

5. What are the conventional and non-conventional sources of energy? Discuss the advantages and limitations of both. (12)
6. What do you understand by natural resources? Describe in detail the forest, water, food and land resources. (12)

SECTION - D

7. Discuss the important laws and acts for environment protection (12)
8. Discuss the types and sources of wastes and describe the waste management techniques. (12)

SECTION - E

9. Write your answer in one word.
 - (i) Define Ecosystem. (2)
 - (ii) Name two biotic components of grassland ecosystem. (2)
 - (iii) Which scientist discovered first time the term "ecology"? (1)
 - (iv) Name the type of food chain, which start from dead organic matter and goes to microorganisms. (1)
 - (v) Name a secondary air pollutant. (1)
 - (vi) What is the range of hearing of a normal person? (1)
 - (vii) Solar energy falls under conventional or non-conventional source of energy. (1)
 - (viii) Expand OTEC. (1)
 - (ix) In which year, Water (prevention and control of pollution) Act was passed by the Government of India? (1)
 - (x) Which mark is used to label environment friendly products? (1)