

Total No. of Questions - 9]

[Total No. of Printed Pages 2

BA./B.Sc./B.Com. I - Semester Examination

CBS-Is/12

243569 (S)

ENVIRONMENTAL SCIENCE

Course No.: UESTS - 104

Time Allowed-2 1/2 Hours

Maximum Marks-80

Note: Attempt all the questions from Section A and B and one question from Section C. Marks for each question are indicated in the paper.

Section-A

Attempt each of the following questions in about one page of the answer sheet.

(3×6=18)

1. Elucidate ecological pyramids with an example. (6)
2. Discuss the main features of the Hemis National Park. (6)
3. What is soil erosion? List some measures to check it. (6)

Section-B

Attempt the following questions restricting your answer to each question to about two pages of the answer sheet. <https://www.jktopper.com> (3×14=42)

4. Differentiate between food chains and food webs with suitable examples.

(OR)

Define biogeochemical cycles. Elucidate the concept with nature's phosphorus cycle.(14)

5. Discuss habitat degradation as a factor in loss of biodiversity.

(OR)

Write an illustrated account of poaching and man-animal conflicts. (14)

(OR)

6. Discuss impact of modern agriculture on environment.

(OR)

What is desertification? Discuss the methods to check the phenomenon. (14)

Section-C

Attempt any one of the following questions in about four pages of the answer sheet.

(1×20=20)

7. What is ecological succession? Explain the phenomenon with the help of hydrosere adding a note on the structure of climax communities. (20)
8. Discuss the main features of the hotspots of biodiversity. Discuss the methods to conserve them. (20)
9. Discuss renewable and non-renewable energy resources. (20)