

Roll No.....

Total No. of Printed Pages: [1]

Total No. of Questions: [09]

B.Sc. (Forensic Science) (Semester – 1st)

ENVIRONMENTAL SCIENCE

Subject Code: BHFSS1103

Paper ID: [21132203]

Time: 03 Hours

Maximum Marks: 60

Instruction for candidates:

1. Section A is compulsory. It consists of 10 parts of two marks each.
2. Section B consist of 5 questions of 5 marks each. The student has to attempt any 4 questions out of it.
3. Section C consist of 3 questions of 10 marks each. The student has to attempt any 2 questions.

Section – A

(2 marks each)

Q1. Attempt the following:

- a) Define Biomagnification.
- b) UNDP and IPCC stand for?
- c) Name the diseases caused by high intake of cadmium and mercury in humans?
- d) Define pesticides?
- e) What are secondary air pollutants? Give examples.
- f) Differentiate between communicable and non-communicable diseases?
- g) What are ecotones?
- h) Define habitat and niche in ecological terms?
- i) Define the term “Heavy Metals”.
- j) What is COD in waste water? How is it different from BOD?

Section – B

(5 marks each)

- Q2. Define atmosphere. What are its different layers? Discuss each in detail.
- Q3. What are causes of biodiversity loss? Discuss in detail.
- Q4. Write a detailed note on acid rain formation? How is it harmful to nature?
- Q5. What are various water borne diseases? Discuss any one in detail.
- Q6. Write a detailed note on the Chipko movement?

Section – C

(10 marks each)

- Q7. What are ecological pyramids? Discuss the various types of ecological pyramids with suitable examples?
- Q8. What is desertification and its causes? How to combat desertification?
- Q9. What is IUCN role in environment protection? Discuss its objectives and policies?