

Roll No.....

Total No. of Printed Pages: [01]

Total No. of Questions: [09]

B.Sc. (Hons. Math) (Semester – 2nd)

ENVIRONMENTAL SCIENCES

Subject Code: BMNCC0003

Paper ID: [19131209]

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. What are renewable resources, give examples.
- b. Impact of construction of dams on tribal people.
- c. Discuss overutilization of ground water.
- d. What is concept of an ecosystem?
- e. Briefly discuss ecological succession.
- f. What is genetic diversity of an ecosystem?
- g. Impact of air pollution on human health.
- h. Control measures of thermal pollution.
- i. Impact of global warming on biodiversity.
- j. Discuss in brief about water shed management.

Section – B

(5 marks each)

- Q2. Discuss use and overexploitation of forest resources.
- Q3. Write about structure and functions of an ecosystem.
- Q4. Explain biogeographical classification of India.
- Q5. Discuss soil pollution and its control measures.
- Q6. Write urban problems related to energy consumption.

Section – C

(10 marks each)

- Q7. Discuss in detail about surface and ground water resources, their use and overutilization.
- Q8. Define concept of biodiversity conservation. Discuss in detail about genetic, species and ecosystem diversity.
- Q9. Write about resettlement and rehabilitation of people in some case study.