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Total No. of Printed Pages: 1

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B.Sc. (Food Tech.)/B.F.S.T (Hons.) (Semester – 2nd)

ENVIRONMENTAL STUDIES

Subject Code: BFOTS1203

Paper ID: 21131709

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 the major greenhouse gases?
- b. Define second order consumer with an example?
- c. What is the ultimate source of energy? Give two examples of renewable energy sources?
- d. What are the causes for thermal pollution?
- e. Write down the importance of Chipko movement?
- f. Give an example of food web in a grassland ecosystem?
- g. What is Red Data book?
- h. What is the relevance of smog?
- i. What are the applications of Photovoltaic technology?
- j. Define biomagnification?

Section – B

(5 marks each)

- Q2. Give in detail what are the disadvantages of extraction of mineral resources?
- Q3. Explain the methods to control water pollution from non-point sources?
- Q4. Discuss on the causes and effects of land degradation?
- Q5. Explain the functions of forest ecosystem?
- Q6. Describe the impacts of coal burning in thermal power plants?

Section – C

(10 marks each)

- Q7. Explain in detail the environmental problems associated with conventional agriculture?
- Q8. Discuss on the major global environmental issues? How global warming is related to climate change?
- Q9. Describe various types of food resources? What are the measures for food waste management?