Roll No…….. **Total No. of Printed Pages: 1**

Total No. of Questions: [09]

BCA (Semester- 6th)
ENVIRONMENTAL STUDIES
Subject Code: BESE0101
Paper ID: 160129

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 mineral resources of India?
b) What is the significance of decomposers in an ecosystem?
c) Classify the aquatic ecosystem based on salinity levels?
d) What is the objective of secondary stage of water treatment plants?
e) Which is the most frequently occurring natural disaster and why?
f) How equitable use of resource is related to human well-being?
g) Give the major salient features of Environmental Protection Act, 1986?
h) What is good ozone? Why it is important?
i) What is the need for wasteland reclamation?
j) How many biodiversity hotspots are there in India? Give the names of biodiversity hotspots in India?

Section – B **(5 marks each)**

Q2. Describe desertification process and how soil erosion is related to desertification?
Q3. Explain different types of ecological pyramids with an example each?
Q4. How the noise pollution affects the human health? How can you control the noise pollution?
Q5. Give an account of problems associated with pesticide consumption?
Q6. Explain the implications of ozone layer depletion?

Section – C **(10 marks each)**

Q7. Explain in detail the need and scope of utilizing various renewable energy sources?
Q8. Discuss on various threats to biodiversity?
Q9. Describe various strategies for management of urban and industrial solid wastes?