

Hall Ticket Number:

Y I 9 A C S 4 2 8

18CE001

I/IV B.Tech (Regular/Supplementary) DEGREE EXAMINATION

December 2019

First/Second Semester

Time: Three Hours

Answer Question No.1 compulsorily.

Answer ONE question from each unit.

Common to all Branches
Environmental Studies

Maximum: 50 Marks

(1X10 = 10Marks)

(4X10=40 Marks)

(1X10=10 Marks)

1. Answer all questions
 - a) Define Ex-situ conservation
 - b) Mention two hot spots of biodiversity in India
 - c) Give an example for food chain
 - d) Mention two sources of renewable energy
 - e) What are the 3 R in 3R-approach
 - f) Mention two sources of noise pollution
 - g) Define population pyramid
 - h) Define watershed
 - i) Expand E.I.A
 - j) Mention two environmental acts

UNIT I

2.
 - a) Give the structure for forest ecosystem.
 - b) Explain the methods for conservation of biodiversity.

5M

5M

(OR)

3.
 - a) What is the scope of environmental studies?
 - b) What are the threats to biodiversity?

5M

5M

UNIT II

4.
 - a) What are the causes for deforestation?
 - b) Explain rainwater harvesting with diagram?

5M

5M

(OR)

5.
 - a) What are the causes for land degradation?
 - b) What is watershed management?

5M

5M

UNIT III

6.
 - a) What are the causes and effects of nuclear pollution?
 - b) Write about forest conservation act?

5M

5M

(OR)

7.
 - a) What is 3R approach?
 - b) Write about water preservation act?

5M

5M

UNIT IV

8.
 - a) What are the effects of ozone layer depletion?
 - b) Write a short note on Tajmahal(Mathura refinery)?

4M

6M

(OR)

9.
 - a) Write a short note on EIA?
 - b) Write a short note on ralegaon siddhi?

5M

5M

SPC

