

Roll No.

Total No. of Questions : 09]

[Total No. of Pages : 01

B.Tech. (Sem. – 5th)
ENVIRONMENTAL SCIENCE
SUBJECT CODE : CE - 216
Paper ID : [A0718]

[Note : Please fill subject code and paper ID on OMR]

Time : 03 Hours

Maximum Marks : 60

Instruction to Candidates:

- 1) Section - A is **Compulsory**.
- 2) Attempt any **Four** questions from Section - B.
- 3) Attempt any **Two** questions from Section - C.

Section - A**Q1)****(10 × 2 = 20)**

- a) Distinguish between food chain and food web.
- b) Differentiate between Deforestation and desertification.
- c) What is sustainable development?
- d) What is meant by population pyramid?
- e) 'Ozone is a pollutant in troposphere while life saver in stratosphere'. Justify.
- f) List the three impacts of overgrazing on agriculture.
- g) What is Osteoporosis?
- h) What is Noise exposure rating?
- i) What is Bioinformatics?
- j) Expand ICUN and WWF.

Section - B**(4 × 5 = 20)**

- Q2)** Explain the importance of environmental education in present context.
- Q3)** Identify the core causes of water crisis in the world.
- Q4)** Depict diagrammatically a terrestrial food web and oceanic food web.
- Q5)** What is ozone hole? What are the causes of ozone hole formation?
- Q6)** Describe in brief the objectives of family welfare programmes.

Section - C**(2 × 10 = 20)**

- Q7)** What do you understand by hotspots of biodiversity? Name and describe two hotspots of biodiversity that extend into our country.
- Q8)** How liquid radioactive wastes are classified and disposed off? Which precautions are required after the disposal of radioactive wastes?
- Q9)** (a) Discuss in brief types of rain water harvesting.
(b) Discuss the effects of deforestation.

