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Total No. of Pages : 02

Total No. of Questions : 09

B.Tech. (3D Animation and Graphics) (2012 Batch) (Sem.-8)

**ENVIRONMENTAL SCIENCE**

Subject Code : CE-216

Paper ID : [72866]

Time : 3 Hrs.

Max. Marks : 60

**INSTRUCTIONS TO CANDIDATES :**

1. **SECTION-A** is **COMPULSORY** consisting of **TEN** questions carrying **TWO** marks each.
2. **SECTION-B** contains **FIVE** questions carrying **FIVE** marks each and students have to attempt any **FOUR** questions.
3. **SECTION-C** contains **THREE** questions carrying **TEN** marks each and students have to attempt any **TWO** questions.

**SECTION-A****Q1 Answer briefly :**

- a) Name any two scientific and technological fields which can be considered for solving plastic pollution.
- b) Differentiate between ecosystems and biomes.
- c) List any four renewable energy options.
- d) List four endangered and endemic species of India.
- e) What is meant by photochemical smog?
- f) List any two strategies for Noise Pollution Control.
- g) Differentiate between natural disaster and manmade disaster.
- h) What is meant by biodiversity?
- i) *“Diminishing means and increasing wants are the two root causes of all environmental problems”* Comment on the statement.
- j) How can one consider environmental pollution as a human rights issue?

### SECTION-B

- Q2 Discuss the role of information technology in environment and human health.
- Q3 “*Water is in a constant state motion in the environment*” Explain with the help of water cycle.
- Q4 What is meant by ecological succession? Explain the steps involved.
- Q5 Enumerate the ecological problems associated with modern agricultural practices in Punjab.
- Q6 Explain how value education can help managing environmental problems.

### SECTION-C

- Q7 Discuss the strategies for 'beat the plastic movement' initiated by the UN in 2018.
- Q8 Explain the salient features of the Solid waste management rules of 2016. Explain any two differences from the Municipal Solid Waste (Management and handling) rules 2000.
- Q9 Congratulations! You are appointed in-charge of the environmental management in your local area. What kind of studies you will propose to prepare the baseline data. Explain your proposal for environmental management in respect to any two environmental problems in your area.