

Division & Roll No.: \_\_\_\_\_

Enrolment No.: \_\_\_\_\_

## **Darshan Institute of Engineering & Technology**

**B.E. Semester – I • Pre GTU Examination – February 2021**

**Subject Code** : 3110007

**Date** : 16/02/2021

**Subject Name** : Environmental Science

**Time** : 11:30 am to 1:30 pm

**Total Marks** : 56

**Instructions** : 1. Attempt any **FOUR** out of **SEVEN** questions.  
2. Figure to the right indicate full marks.  
3. Don't do any kind of rough work or calculation in Question Paper.

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|-------------|--|-----------|
| <b>Q. 1</b> | <b>(A)</b> What is water pollution and what are the signs of polluted water.                               | <b>03</b> |
|             | <b>(B)</b> Which are the common sources of noise pollution.  | <b>04</b> |
|             | <b>(C)</b> Write a short note on importance of different Engineering Disciplines in Environmental Science? | <b>07</b> |
| <b>Q. 2</b> | <b>(A)</b> Define: Environment, Ecology and Ecosystem.   | <b>03</b> |
|             | <b>(B)</b> Which are the Effects of air pollutant on climate.  | <b>04</b> |
|             | <b>(C)</b> Write a short note on Eutrophication.   | <b>07</b> |
| <b>Q. 3</b> | <b>(A)</b> Explain the Effects of Oxygen demanding waste.  | <b>03</b> |
|             | <b>(B)</b> Explain different types and sources of solid waste.   | <b>04</b> |
|             | <b>(C)</b> Discuss in detail various components of the environment?  | <b>07</b> |
| <b>Q. 4</b> | <b>(A)</b> Define: Aerosols, Dust and Smoke.   | <b>03</b> |
|             | <b>(B)</b> Give the classification of air pollutants based on Origin.                                      | <b>04</b> |
|             | <b>(C)</b> Write short note on Acid rain.  | <b>07</b> |
| <b>Q. 5</b> | <b>(A)</b> Define: Sound power and Sound pressure.   | <b>03</b> |
|             | <b>(B)</b> Write a short note on International step for Mitigation Global Change.                          | <b>04</b> |
|             | <b>(C)</b> Write a short note on Depletion of ozone year.  | <b>07</b> |
| <b>Q. 6</b> | <b>(A)</b> How we control the noise pollution.   | <b>03</b> |
|             | <b>(B)</b> Give the classification of water pollutants. Explain any one.                                   | <b>04</b> |
|             | <b>(C)</b> What are effects of noise pollution?  | <b>07</b> |
| <b>Q. 7</b> | <b>(A)</b> Which are the different sources of the air pollution?   | <b>03</b> |
|             | <b>(B)</b> Which are the different sources of the water pollutants?  | <b>04</b> |
|             | <b>(C)</b> Write a short note on Environmental Degradation.  | <b>07</b> |

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