**TU/ CODL**

**TEZPUR UNIVERSITY**

**SEMESTER END EXAMINATION (AUTUMN) 2019**

**DEM 202: ENVIRONMENTAL POLLUTION AND MITIGATION**

**Time: 3 Hours Total Marks: 70**

*The figures in the right-hand margin indicate marks for the individual question.*

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1. State True or False: 1x5=5

1. Environmental Science is a multidisciplinary subject.
2. About 90% of ozone is present in the troposphere.
3. The Environment Protection Act came in 1984.
4. Waste deposition in landfills generates methane gas.
5. Radioactive materials are carcinogenic in nature.

2. Fill in the blanks: 1x5=5

1. Greenhouse gases cause ……………………………… effect.
2. Cation exchange capacity is a …………… property of soil.
3. Natural resource which cannot be replenished by natural processes within a time frame is called .......................resource.
4. ……………… is the unit of sound.
5. ----------- horizon of soil is dominated by organic material.

3. Write short notes on **any five** of the following: 5x5=25

1. Sources of noise pollution
2. Greenhouse effect
3. Algal blooms
4. Phytoremediation of polluted soil
5. Biogas
6. Composting as a process of resource recovery
7. Air pollution models

**P.T.O.**

4. Write the differences between of the following, Attempt **any two**: 2x4=8

1. Composting and vermicomposting
2. Primary and secondary air pollutants
3. Soil texture and soil structure

5. What are the causes of marine pollution? Write a note on remedial

action of marine pollution. 3+4=7

6. Define air pollution. Discuss the control measures of air pollution. 2+8=10

7. “Agricultural activities can cause environmental pollution”-Explain. 10

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