**TU/ CODL**

**TEZPUR UNIVERSITY**

**SEMESTER END EXAMINATION (SPRING) 2020**

**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.*

1. State True or False: 1x5=5

1. Zinc is an essential element for humans.
2. Chlorine is an example of a biocide.
3. The Water Act came in 1984.
4. DDT is a pesticide.
5. Ozone hole is present in the mesosphere.

2. Fill in the blanks: 1x5=5

1. …………. is the unit of sound.
2. Rain water is slightly ………………….. in nature.
3. Wind is a ………………… energy source.
4. Typhoid fever is caused by the bacteria…………
5. Noise dosimeters are used to find out the noise levels in a\_\_\_\_\_\_\_ environment.

3. Define the following with example- 2x5=10

1. Environmental pollution
2. Pollutants
3. Phytoremediation
4. Bio-medical waste
5. Nuclear accidents

4. Write differences between- 3x3=9

1. Stationary sources and mobile sources of air pollution
2. Point sources and non-point sources of pollution
3. Sound and noise

3. Write short notes on **any four** of the following- 4x5=20

1. Effects of air pollution on the climate
2. Eutrophication

**P.T.O.**

1. Beneficial roles of earthworms in the environment
2. Noise pollution and its effects
3. Thermal pollution

4. How does acid rain form in the atmosphere? Write a note on the effects

of acid rain on the aquatic ecosystem. 3+3=6

5. What is energy recovery from solid waste? State the advantages of

energy recovery from waste materials. 2+5=7

6. How do agricultural practices induce soil pollution? What measures can

be taken to reduce such pollution? 8

\*\*\*\*