**TU/CDOE**

**TEZPUR UNIVERSITY**

**SEMESTER END EXAMINATION (AUTUMN) 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. Fill in the blanks: 1x5=5

1. e-waste are the …………… wastes.
2. ……………….. is the unit of sound.
3. ……………….…………… of pollution can be easily identified.
4. Oil spill is an example of ……………… pollution.
5. Thermal decomposition of biomass in absence of oxygen is known as..........

2. Define the following: 2x5=10

1. Air Pollutants
2. Biological oxygen demand
3. Thermal pollution
4. Biomethanation
5. Soil texture

3. Write short notes on the following: 5x4=20

1. Acid rain
2. Bio-fertilizers
3. Factors affecting air pollution dispersion
4. Phytoremediation

4. What are hyperaccumulators? How do they help in reclaiming polluted

soil? 1+4=5

5. What are the beneficial roles of earthworms in the environment?

Classify earthworms based on their feeding habits. 3+3=6

6. What is environmental pollution? What are the roles of an individual in

preventing environmental pollution? 2+5=7

7. What is eutrophication of water bodies? How does it affect aquatic life? 2+5=7

8. What are primary and secondary air pollutants? Give examples. Write

a note on sources, control measures, and health effects of two primary

pollutants. 4+6=10

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