**TU/ CODL**

**TEZPUR UNIVERSITY**

**SEMESTER END EXAMINATION (SPRING) 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. Fill in the Blanks: 1x5= 5

1. Biomass burning in the kitchens contributes to\_\_\_\_\_ pollution.
2. Dioxin is commonly known as ……………
3. The contributing gases of acid rain are ………. and …………
4. The Environment Protection Act was enacted in ……..
5. Killing of cells in plant tissues is called as …………..

2. State whether true (T) or false (F): 1x5= 5

1. Vehicular emission is an example of point sources of air pollution
2. Carbon monoxide is a greenhouse gas
3. Decibel is the unit of sound.
4. Ethane is the main constituent of biogas.
5. Hearing loss is associated with noise pollution

3. Differentiate between: 2x3=6

1. Point sources and non-point sources of water pollution
2. Natural sources and anthropogenic sources of air pollution
3. Soil structure and soil texture

4. Write short notes on **any four**: 3x4= 12

1. Biogas
2. Acid rain
3. Vermicomposting
4. Water pollutants
5. Algal blooms
6. Health effects of noise pollution

**P.T.O.**

5. What is environmental pollution? How does the increasing human

population pollute the environment? 2+5=7

6. Write a note on the mitigation measures of noise pollution. 7

7. What is phytoremediation? What are the different types of

phytoremediation methods used for soil remediation? 1+7=8

8. What is gasification? Mention different types of gasification and their

characteristics. 1+9=10

***or***

Define pyrolysis. What are the advantages and disadvantages of pyrolysis

systems?

9. What are the causes of marine pollution? Write a note on the control

measures of marine pollution. 5+5=10

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