**TU/CDOE**

**TEZPUR UNIVERSITY**

**SEMESTER END EXAMINATION (AUTUMN) 2023**

**DEM/ DIPEVMD 202: ENVIRONMENTAL POLLUTION AND MANAGEMENT**

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

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

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All questions are compulsory.

1. Fill in the blanks: 1x5=5
2. The pollutants emitted directly from the source is known as …….

ii. The presence of ...... gas makes rainwater naturally slightly acidic.

iii. ................ is the unit used to express the intensity of sound.

iv. Gaseous exchange between the atmosphere and soil pore space is called ……

v. Pesticides and insecticides are ............. waste.

1. State whether **true** or **false**: 1x5=5
2. Sources of environmental pollution are anthropogenic.
3. Emission from domestic biomass burning is an example of anthropogenic pollution.
4. Fertilizers are always good for plant growth.
5. Point sources of pollution are easily identifiable.
6. Air pollutants may also affect the developing foetus.
7. Define the following: 2x5=10
8. Pollutants (B) Biological oxygen demand

(C) Waste (D) Dissolved oxygen (E) Soil texture

4.Write short notes on the following. 4x4=16

a. Sources of marine pollution

b. Role of individuals in pollution prevention

P.T.O.

* 1. Effects of acid rain
  2. Vermicomposting

1. Differentiate between sound and noise. Describe the noise control and abatement measures. 1+6=7
2. Define phytoremediation. Describe three mechanisms of phytoremediation. 1+6=7
3. What is global warming? What are the effects of global warming? Mention some strategies to reduce global warming. 1+4+5=10
4. Discuss the causes of soil salinity. What measures can be taken to treat the saline soil? 5+5=10

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