**TU/CDOE**

**TEZPUR UNIVERSITY**

**SEMESTER END EXAMINATION (SPRING 2023)**

**DIPEVMD/DEM 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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1. State **True** or **False**: **1x5=5**
2. Air pollution does not affect the rainwater chemistry.
3. Higher plants can only be used in the phytoremediation process.
4. Rhizobacteria is an example of beneficial soil microbes.
5. DO of a water body increases with increase in BOD.
6. The vegetables and fruits grown on over fertilized soil are less prone to attacks by insects and disease.
7. Fill in the blanks: **1x5=5**
8. ………………. is the unit of noise.
9. ……………… is the discrete layers of soil profile.
10. ………………. earthworms live on the upper surface of soil.
11. Thermal decomposition of biomass in absence of oxygen is known as ............................
12. Solar energy is an example of ....................................... resources.
13. Define the following: **2x5=10**
14. Environmental pollution
15. Source of pollution
16. Sink of pollution
17. Biomagnification
18. Phytoremediation
19. Write short notes on **any four** of the following: **5x4=20**
20. Agriculture induced soil pollution.
21. e-waste and its management
22. Marine pollution control and remedial action
23. Air pollution modelling
24. Beneficial roles of earthworms in the environment
25. What is global warming? What are the effects of global warming?

**1+5=6**

**P.T.O**

1. Define water quality. What are the objectives of water quality monitoring? **1+5=6**
2. What is the difference between sound and noise? Write a note on the physiological effects of noise. **2+6=8**
3. Discuss the causes of soil salinity. What measures can be taken to treat the saline soil? **5+5=10**

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