**TU/CDOE**

**TEZPUR UNIVERSITY**

**SEMESTER END EXAMINATION (AUTUMN 2022)**

**DEM/DIPEVMD 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
2. All agricultural practices have adverse impacts on the environment.
3. Indoor air pollutants are present only inside the building.
4. Soil microorganisms are important for plant health.
5. Emission from a motor vehicle is an example of a mobile source of air pollution.
6. Lichens are good bioindicators of air pollution.
7. Define the following: 2x5=10
8. Pollutants
9. Ocean resources
10. E-waste
11. Soil profile
12. Vermicomposting
13. Write short notes: 5x4=20
14. Control measures for noise pollution.
15. Oil spill and its effects on the environment.
16. Biomagnification.
17. Air pollution models.

4. What are hyper accumulators? How do they help in reclaiming

polluted soil? 1+4=5

5. Define primary air pollutants. Discuss their sources and relative

contribution to air pollution. 1+4=5

6. What is phytoremediation? Describe its mechanism. 1+6=7

**P.T.O.**

7. Explain how human activities pollute the environment. 8

8. How is landfill gas generated? Write down the components of landfill

gas. What are the benefits of using landfill gas as a resource? 2+2+6=10

\*\*\*