**TU/ CDOE**

**TEZPUR UNIVERSITY**

**Semester End Examination (Autumn) 2024**

**Course code: DEM 202**

**Course Title: 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.   1. ............................. is a standard test of the amount of dissolved oxygen consumed by aquatic microorganisms over a time period. 2. Cholera is caused by ............... .................. 3. O horizons of soil are dominated by ................ material. 4. Natural resource which can be replenished by natural processes within a time frame is called ............................ reource. 5. Maximum noise level for factory work for 8-hr a day, 6 days a week is ...... dB. | 1x5=5 |
| --- | --- | --- |
| 3. | Write full forms of the following abbreviation:  a. COD b. IPCC c. BOD  d. DO e. PAHs | 1x5=5 |
| 4. | Write short notes [any four].   1. Vermicomposting 2. Biogas and its utilization 3. Phytoremediation of polluted water 4. Bioaccumulation and biomagnification 5. Health effects of air pollutants | 4x5=20 |
| 5. | Write the differences and give examples of the following.   1. Point and non-point sources of air pollution 2. Hazardous and radioactive waste | 5x2=10 |
| 6. | How does global warming affect human health? | 5 |
| 7. | Why air monitoring is important? Discuss. | 5 |
| 8. | What is environmental pollution? Discuss the role of individual in controlling environmental pollution. | 2+8=10 |
| 9. | What is marine pollution? Write the causes and effects of marine pollution. | 2+8=10 |
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