**TU/ CDOE**

**TEZPUR UNIVERSITY**

**SEMESTER END EXAMINATION (SPRING) 2024**

**DIPEVMD/ DEM 102: NATURAL RESOURCES AND SUSTAINABLE DEVELOPMENT**

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

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

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| 1. | Define an ecosystem. How many types of ecosystem are there? Give examples. | 1+3+2=6 |
| 2. | What is Agroforestry? How is it a sustainable land use system? | 3+5=8 |
| 3. | What is Integrated Pest Management? How is it a sustainable form of pest control? | 3+5=8 |
| 4. | What is Sustainable development? Write a note on the major barriers to  Sustainable development. | 2+6=8 |
| 5. | Explain the effects of deforestation on soil and water resources? How does it affect air quality? | 3+3+4=10 |
| 6. | Write short notes on:  (a) Land degradation (b) Wildlife conservation  (c) IPM (d) Bio-fertilizers (e) Eutrophication | 6x5=30 |

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