**TU/CDOE**

**TEZPUR UNIVERSITY**

**SEMESTER END EXAMINATION (AUTUMN) 2023**

**DEM/DIPEVMD 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. | What are the conventional energy resources? Give two examples | 2+1=3 | |
| 2. | How are the different trophic levels in an ecosystem linked? | | 3 | |
| 3. | What are the consequences of water shortages in the near future? | | 3 | |
| 4. | Differentiate between renewable and non- renewable energy resources giving suitable examples. | | 4+1=5 | |
| 5. | Write short notes on:  (a) Wildlife Protection Act, 1972  (b) Crop rotation  (c) Sustainable development goals  (d) Green fertilizers  (e) Sericulture in improving livelihood  (f) Horticulture | | 6x6=36 | |
| 6. | Explain the impact of climate change on forest resources and livelihood of people. | | 10 | |
| 7. | What are pests? Mention how an insect pest can be controlled through physical- control and bio- control measures? | | 2+4+4=10 | |

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