**TU/ CODL**

**TEZPUR UNIVERSITY**

**SEMESTER END EXAMINATION (SPRING) 2020**

**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.*

1. Fill in the blanks: 1x5=5

1. India has ………….. major types of forest.
2. The Cauvery water dispute exists between ….. and Karnataka.
3. Dense tall forests are the major composition of tropical wet evergreen forests.
4. Ley farming involves rotation of legume forages with ……..
5. The Kyoto Protocol came in ………

2. State True or False: 1x5=5

1. Biotic natural resources are living in nature.
2. Soil erosion is one form of soil degradation.
3. Natural vegetation includes only native species
4. Topography does not influence natural vegetation/forest.
5. Solar Energy is an example of non-conventional energy.

3. Define the following: 2x5=10

1. Potential resources
2. Forest
3. Gene pool
4. Wildlife
5. Pest management

4. Write short notes: 4x5=20

1. Sustainable forest management
2. Ecological function of wildlife
3. Resistance to sustainable development
4. Rainwater harvesting

**P.T.O.**

5. Differentiate between: 3x4=12

1. Renewable resources and non-renewable resources
2. Population and community
3. Reserved forest and protected forest
4. Manures and fertilizers

6. How does sustainable agriculture differ from modern agriculture? What

are the different elements of sustainable agriculture? 4+6=10

7. Write three means of land pollution. Describe the possible mechanism

to reclaim the polluted land. 3+5=8

\*\*\*\*\*\*\*\*\*