**TU/CDOE**

**TEZPUR UNIVERSITY**

**SEMESTER END EXAMINATION (AUTUMN) 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. Solar energy is a ………………… resource.
2. The continuous movement of water between the earth and the atmosphere is the ……………….. cycle.
3. Natural vegetation includes both native and ………………. species.
4. An assemblage of individuals of a particular species occupying a definite habitat is called …………………..
5. …………….. is the practice of allowing crop land to lie idle during a growing season.

2. Write short notes on the following: 5x4=20

1. Agro-forestry
2. Sustainable de-growth
3. Benefits from forests
4. Wildlife management

3. What is crop rotation? What are the benefits of crop rotation? 1+4=5

4. How can forests affect climate change? 5

5. What are the ecological functions of wildlife? 5

6. What is pest Management? Write a note on different options applicable

for pest management. 2+8=10

7. Describe the integrated approach to land management. 10

8. How is climate change impacting the water cycle? 10

**\*\*\***

**TU/CDOE**

**TEZPUR UNIVERSITY**

**SEMESTER END EXAMINATION (AUTUMN) 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. Solar energy is a ………………… resource.
2. The continuous movement of water between the earth and the atmosphere is the ……………….. cycle.
3. Natural vegetation includes both native and ………………. species.
4. An assemblage of individuals of a particular species occupying a definite habitat is called …………………..
5. …………….. is the practice of allowing crop land to lie idle during a growing season.

2. Write short notes on the following: 5x4=20

1. Agro-forestry
2. Sustainable de-growth
3. Benefits from forests
4. Wildlife management

3. What is crop rotation? What are the benefits of crop rotation? 1+4=5

4. How can forests affect climate change? 5

5. What are the ecological functions of wildlife? 5

6. What is pest Management? Write a note on different options applicable

for pest management. 2+8=10

7. Describe the integrated approach to land management. 10

8. How is climate change impacting the water cycle? 10

**\*\*\***