**TU/CDOE**

**TEZPUR UNIVERSITY**

**SEMESTER END EXAMINATION (AUT 21 & SPR 22)**

**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.*

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

1. What are the Forest Principles? 2

2. Define an ecosystem. 2

3. What are the consequences of overgrazing? 2

4. Differentiate between macro- and micro- nutrients giving

suitable examples. 3

5. Write short notes on: 5x6=30

(a) Land degradation (b) Wildlife conservation

(c) IPM (d) Bio-fertilizers

(e) Eutrophication (f) Desertification

6. How can mixed cropping and crop rotation help in maintaining soil fertility? 5

7. How can sustainable water management be a source of

revenue for a nation? 5

8. Explain the effects of deforestation on soil and water

resources? 3+3=6

9. How do forest resources help in improving livelihood of the

rural people? 7

10. What is Sustainable development? What are the Sustainable

Development Goals? 2+6=8

\*\*\*

**TU/CDOE**

**TEZPUR UNIVERSITY**

**SEMESTER END EXAMINATION (AUT 21 & SPR 22)**

**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.*

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

1. What are the Forest Principles? 2

2. Define an ecosystem. 2

3. What are the consequences of overgrazing? 2

4. Differentiate between macro- and micro- nutrients giving

suitable examples. 3

5. Write short notes on: 5x6=30

(a) Land degradation (b) Wildlife conservation

(c) IPM (d) Bio-fertilizers

(e) Eutrophication (f) Desertification

6. How can mixed cropping and crop rotation help in maintaining soil fertility? 5

7. How can sustainable water management be a source of

revenue for a nation? 5

8. Explain the effects of deforestation on soil and water

resources? 3+3=6

9. How do forest resources help in improving livelihood of the

rural people? 7

10. What is Sustainable development? What are the Sustainable

Development Goals? 2+6=8

\*\*\*