



**Indira Gandhi National Tribal University,
Amarkantak (M.P.)**

Undergraduate Programmes

Environmental Science

Ist Semester Examinations, April - 2023

Subject – Disciplinary Minor - Remote Sensing

Paper Code- EVS-DMI T 111

Max Time: 2 Hrs.

Max Marks: 30

*Note: Attempt all questions and each Question carries
6 marks.*

(5x6=30)

Q1. Explain the principle of Remote sensing & Write its Application?

Or

Explain the Remote sensing platform & Sensor.

Q2. Define the electromagnetic spectrum with suitable Diagram.

Or

Write shorts notes on following topics

- Types of MAP
- Scale
- Drainage
- Stream Order

Q3. Discuss about thermal and microwave sensors.

Or

Write short notes about the followings:

- a. GPS technology
- b. Image interpretation

Q4. Explain the concept of Aerial photography with their elements?

Or

Remote sensing application use in Natural Hazard (landslides, forest fire)

Q5. Write short notes on followings :

- a. Raster & Vector Data
- b. Database creation in Arc GIS

Or

What are the applications of Remote sensing in the field of Environmental Science?
