



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

**Undergraduate Programmes**

**Environmental Science**

**I<sup>st</sup> Semester Examinations, April - 2023**

**Subject – Inter Disciplinary Minor - Remote  
Sensing**

**Paper Code- EVS- IDMI T 111**

**Max Time: 2 Hrs.**

**Max Marks: 30**

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

**(5x6=30)**

Q1. Explain the Multispectral Scanner?

***Or***

Explain the Elements of Aerial Photography.

Q2. Write down the Advantages and disadvantages of remote sensing?

***Or***

Write shorts notes on following topics

- a. EMR
- b. Change detection analysis

Q3. Discuss about the concept of Remote sensing, explain with suitable example?

*Or*

Write in brief about the followings:

- a. Raster layer
- b. Different types of Maps

Q4. Describe the applications of Remote sensing in forest fire Modelling?

*Or*

Discuss about the different types of Landforms.

Q5. Write shorts notes on following topics

- a. Sun synchronous
- b. Database creation in Arc GIS
- c. Polar Orbits
- d. CCD Cameras

*Or*

Write down the uses and applications of Remote sensing in Agriculture Planning.

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