



**PAPER IV :REMOTE SENSING AND GEOGRAPHIC INFORMATION SYSTEM (GIS)**  
**MODEL QUESTION PAPER**

Time : 3 hrs

Max Marks : 75

**SECTION – A**

Answer any FOUR of the following Questions

4 x 12 = 48

1. Define What is Remote Sensing, Write History and Uses of Remote Sensing ?
2. Write a note on Components of Remote Sensing ?
3. Write a Detailed account of Atmospheric Interaction with Electromagnetic Radiation ?
4. Classify the Platforms ? Write a detailed account of them ?
5. Write about the different type of Cameras ?
6. Write a detailed account of Indian RS Satellites (IRS) ?

**SECTION – B**

Answer any Four of the following

4 X 5 = 20

1. Aerial Photography
2. Spectral Signatures.
3. Spatial Resolutions.
4. Types of Filters.
5. Scanners and Types.
6. Differences between Visual & Digital products
7. Classification of Sensors

**SECTION-C**

14. Answer all the questions not exceeding two (2) lines.

7 X 1 = 7M

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|---------------------------|---------------|------------------|
| a) Electromagnetic energy | b) N.R.S.A.   | c) N.A.S.A.      |
| d) Atmospheric windows    | e) Black body | f) Strip cameras |
| g) Geosynchronous orbit   |               |                  |