



UTTRAKHAND OPEN UNIVERSITY, HALDWANI (NAINITAL)
उत्तराखण्ड मुक्त विश्वविद्यालय, हल्द्वानी (नैनीताल)

PGDGIS 1st Year ASSIGNMENT

Last Date of Submission: 15/05/2014

Course Title: Remote Sensing & GPS

Course Code: PGDGIS-03

Year: 2013-14

Maximum Marks: 40

Section 'A' contains 08 short answer type questions of 5 marks each. Learners are required to answer 4 questions only. Answers of short answer-type questions must be restricted to 250 words approximately.

1. What is a spectral signature?
2. What is atmospheric window? Why is it important in remote sensing?
3. Name 5 satellites with sensors.
4. Give 5 examples of application of GPS.
5. Why do we need a GPS?
6. LISS III is the sensor of which satellite? How many bands are there in LISS III?
7. Name a few uses of this multispectral data.
8. Name one active remote sensing satellite. What kind of information can be derived from this satellite data?

Section 'B' contains 04 long answer-type questions of 10 marks each. Learners are required to answer 02 questions only.

1. Which Explain Remote sensing stage with the help of diagram?
2. What do you mean by Electromagnetic Radiation?
3. What is the difference between a satellite, sensor and platform?
4. Name any 4 errors in acquiring GPS data. Explain geometric error and its Corrections