
UTTARAKHAND OPEN UNIVERSITY, HALDWANI (NAINITAL)


PGDGIS- 16-17 ASSIGNMENT
Last date of Submission: 30/04/2017
Course Title: Remote Sensing & GPS
Course Code: PGDGIS -03
Year: 2016-17
Maximum Marks: 30

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

Briefly discuss the following:

- 1-What is electromagnetic spectrum?
- 2-When is Rayleigh scatter occur?
- 3-What is NDVI?
- 4-Explain characteristic curve?
- 5-What are the types of resolution?
- 6-What are the types of image interpretation?
- 7- Why do we need a GPS?
- 8- Write a short note on passive and active remote sensing?

Section 'B' contains 04 long answer-type questions of 07 marks each. Learners are required to answers 02 questions only.

1. Explain the classification of satellites and discuss Indian Remote Sensing satellites?
2. Describe various applications of GPS?
3. What is difference among true color, false color and false infrared images?
4. Describe whiskbroom and push broom?