UTTARAKHAND OPEN UNIVERSITY, HALDWANI (NAINITAL)

PGDGIS- 16-17   ASSIGNMENT

Last date of Submission: 30/04/2017

Course Title: DIP and Mapping   **Course Code: PGDGIS -04**

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- Specify the elements of DIP system?
2- What is recognition and Interpretation?
3- Given an account on the basic characteristics of maps?
4- Write a short note on Meta Data?
5- Write a short note on thematic maps?
6- What is DEM?
7- What is TIN?
8- What is the significance of ground truthing?

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

1. What is image to image registration and why is it done?
2. Write an essay on the basic characteristics of maps?
3. What is filtering in DIP? Explain?

4. What are the differences between supervised and unsupervised classification?