



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

MGIS 1ST YEAR ASSIGNMENT

Last Date of Submission: 15 May, 2013

Course Title: GIS

Course Code: MGIS-02/PGDGIS-02/CGIS-02

Year: 2012-13

Maximum Marks: 40 Marks

Section 'A'

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. Draw diagram and briefly describe any 2 different types of features represented with contour lines.
2. Which feature type will you choose to draw the following features: Rail, road, plantation area, agriculture area, rivers, spot heights, single house, village, contours, forest.
3. What do you understand by 45 D/10? Give any 2 numbers of its adjoining toposheets.
4. What are the different types of projections? Draw diagrams.

Section 'B'

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

1. What do you understand by 1: 50000? Explain.
2. Name 2 different type of drainage patterns with 2 characteristics each.
3. Explain with diagram latitude/longitude and north arrow of a toposheet.

4. Name 3 methods of data entry into GIS.
5. Give diagram and difference between Spheroid and Geoid.
6. What is Datum? Give 2 examples.
7. Name 3 criteria which is to be kept in mind when storing data.
8. What is the full form of GPS? What is a GPS?

