

M.Sc. 3rd Semester Examination-2022-23

GEO-INFORMATICS (PRACTICAL)

Course ID : 33166

Course Code : GI-306P

Course Title : GIS and GNSS

Time : 4 Hours

Full Marks : 40

The figures in the right hand margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

Answer any *all* the questions :

UNIT-I : Point Positioning

1. Collect at least 06 GCPs from the given area by the examiner with the help of a Handheld GPS and plot the data in a Map using GIS software. 5+5

UNIT-II : Dynamic Survey-line Polygon

2. Mention the role of the snapping tool during digitization. Digitize the given map (Map will be provided by the examiners) consisting of linear and polygonal features with a suitable layout. 3+5+2

(Turn Over)

UNIT-III : DGNSS

3. Mention the major differences between RTK and DGPS survey. Collect three lines and one polygon feature from your institution field using handheld GPS. 2+6+2
 4. Notebook and Viva Voce 5+5
-