2020

GEOGRAPHY — HONOURS — PRACTICAL

Paper : CC-12P

(Remote Sensing, GIS and GNSS)

Full Marks : 30

The figures in the margin indicate full marks.

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

Answer **all** questions.

1. (a) What is the purpose of georeferencing?

   (b) Write the steps involved in the process of georeferencing of a scanned map in QGIS having latitude and longitude values printed on the four corners of the map.

   (c) How is a standard false colour composite prepared from IRS LISS-III data?   2+8+5

2. (a) Describe the basic steps of supervised image classification using IRS LISS-III data to bring out landuse/land cover characteristics of an area.

   (b) Graphically plot the following waypoints derived from GNSS survey.   5+5

Waypoint Id	WGS-84 UTM 45-R Coordinates	
	Easting	Northing
A	607,678	2,769,702
B	606,799	2,770,371
C	606,600	2,771,750
D	607,940	2,771,798

3. Evaluation of Laboratory Notebook.   5

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