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

5

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

3.	Evaluation of Laboratory Notebook.	