

U.G. 1st Semester Examination - 2020

GEOGRAPHY

Course Code : BGEOCCHS102

**Course Title : Cartographic Techniques in
Geography**

[PRACTICAL]

Full Marks : 20

Time : 1 Hour

The figures in the right-hand margin indicate marks.

1. Answer the following questions: $1 \times 10 = 10$
- a) What is Representative Fraction?
 - b) What is Vernier Constant?
 - c) Define Generating Globe.
 - d) What do you mean by Homolographic Projection?
 - e) What is the basic principle of Polar Zenithal Stereographic Projection?
 - f) What is the formulae of Wentworth's method of average slope calculation?
 - g) What is the R.F. of Toposheet No 73A/NE?

- h) By which type of profile we can identify Polycyclic Landform?
- i) Define Stream Ordering.
- j) What is Magnetic Bearing?

2. Answer the following questions: $2 \times 5 = 10$

- a) What are the advantages of Linear Scale?
- b) Distinguish between Perspective and Non-Perspective Projection.
- c) What are the limitations of Cylindrical Equal Area Projection?
- d) Latitudinal and longitudinal extension of the Toposheet No 73E/6 is 23 degree 30 minutes North to 23 degree 45 minutes North and 85 degree 15 minutes East to 85 degree 30 minutes East. Find out the latitudinal and longitudinal extension of the Toposheet No 73E/15
- e) What do you mean by Transect Chart?
