# PART- III EXAMINATION, 2021
# GEOGRAPHY
## [HONOURS]
### Paper : X
### [PRACTICAL]
### [NEW SYLLABUS]

Full Marks : 80                                      Time : 6 Hours

*The figures in the right-hand margin indicate marks.*
*Candidates are required to give their answers in*
*their own words as far as practicable.*
**Answer all the questions.**

### GROUP-A

1. Give in brief the fundamental concepts on Computer hardware and importance of computer in geography.      10+10=20

2. Write short notes:                                  5× 3=15
   a) Significance of Mean and Median
   b) Scatter Diagram
   c) Dependent variable

3. The following data as shown in the table are collected in a Prismatic Compass Survey.

| STATION | LINE | LENGTH (Metres) | OBSERVED BEARINGS | | REMARKS |
|---------|------|-----------------|-------------------|------|---------|
| | | | FORE BEARINGS | BACK BEARINGS | |
| A | A – B | 6.48 | 139º30´ | 319º00´ | ABCD Clockwise Traverse |
| B | B – C | 7.20 | 206º30´ | 26º00´ | |
| C | C – D | 7.53 | 328º30´ | 148º30´ | |
| D | D – A | 6.20 | 35º30´ | 218º30´ | |

   a) Find out the Corrected Bearings.
   b) Plot the Traverse on a suitable Scale & Error adjustment.
   c) Determinate the area of the Traverse.      6+10+4=20

4. Define weather map. Briefly discuss the characteristics of South-West Monsoon season.      3+12=15

### GROUP-B

5. Laboratory Note Book and Viva-Voce.      5+5 =10

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**Paper : XI**
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Full Marks : 80                                                                 Time : 6 Hours

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**Answer all the questions.**

### GROUP-A

1. a) Draw neat graticule of Cylindrical Equal Area Projection for an area extending from 20°W to 60°E and 40°N to 40°S at an interval of 10° on a scale of 1: 60000000.

   b) Differentiate Mercator's projection from Cylindrical Equal area projection.                                                    16+4=20

2. Write short notes:                                                          5× 2=10
   a) Dissected Plateau
   b) Transect Chart

3. What are the different types of slope? Illustrate the Strahler's stream ordering methods with suitable diagrams.                    10+10=20

### GROUP-B

4. Field Report and Viva-Voce.                                                 10+10=20

### GROUP-C

5. Laboratory Note Book and Viva-Voce.                                         5+5 =10