

B.Sc. 3rd Semester (Programme) Examination, 2019-20**GEOGRAPHY****Course ID : 31928****Course Code : SP/GEO301/C-1C****Course Title: Maps and Diagrams****Time: 3 Hours****Full Marks: 40**

*The figures in the right hand side margin indicate full marks.
Candidates are required to give their answers in their own words
as far as practicable.*

SET-III**Section-A**

1. (a) What do you mean by R.F.? What are the uses of age-sex pyramid? 2+2=4
(b) Draw a linear scale to read 18km when the given R.F. is 1:3,00,000. 6
2. (a) What is map projection? Mention two properties of Cylindrical Equal-area Projection. 2+2=4
(b) Calculate the reduced levels of the following stations with any suitable method: 6

| Stations | Distance (m) | BS | IS | FS | Height of Collimation | Remarks |
|----------|--------------|-------|-------|-------|-----------------------|----------|
| A | 0 | 2.554 | | | 52.554 | RL = 50m |
| B | 14.990 | | 1.783 | | | |
| C | 29.105 | | 0.926 | | | |
| D | 48.490 | | 1.963 | | | |
| E | 63.540 | | | 3.587 | | |

3. Notebook 5

Section-B

4. Field report evaluation 10
5. Viva voce 5