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B.Sc/1st Sem (H)/GEOG/22(CBCS)

2022

1st Semester Examination

GEOGRAPHY (Honours)

Paper : C 2-T

(Cartographic Techniques)

[CBCS]

Full Marks : 40

Time : Two Hours

The figures in the margin indicate full marks.

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

Group - A

Answer any *five* of the following questions : $2 \times 5 = 10$

1. Distinguish between small-scale and large-scale map.
2. What is vernier constant?
3. Distinguish between magnetic bearing and true bearing.
4. Define constant of cone.
5. What is rhumb line?
6. Distinguish between surveying and levelling.
7. What is closing error?
8. What is Great Triangulation Survey?

P.T.O.

(2)

Group - B

Answer any *four* of the following questions: $5 \times 4 = 20$

9. Differentiate between geoid and spheroid.
10. Explain the relationship between rectangular and polar co-ordinate system with sketches and examples.
11. Elucidate the significance of UTM projection.
12. What is traversing? Discuss different methods of traversing.
13. Explain the methods and principles of converting quadrantal bearing into whole circle bearing.
14. Elucidate the schematic layout of Indian Open series Topographical Maps.

Group - C

Answer any *one* of the following questions: $10 \times 1 = 10$

15. Briefly discuss about different elements of an ideal map.
 16. Classify map projection on the basis of preserved qualities. Give suitable examples.
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