

2022

**GEOGRAPHY**

[HONOURS]

(CBCS)

**(B.Sc. Second Semester-End Examination-2022)**

**PAPER-CC4T**

*Time: 02 Hrs.*

*Full Marks: 40*

*The figures in the right hand margin indicate marks*

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

*Illustrate the answers wherever necessary*

**Group-A**

**Answer any one question:**

**1x10= 10**

1. What do you mean by the Thematic map? Classify thematic maps.  
Mention the uses of the logarithm. 2+5+3= 10
2. Write the basic principles and applications of different types of surveying. 10

**Group-B**

**Answer any Four questions:**

**4x5= 20**

3. Briefly state the procedure to determine the height and distance of an object using theodolite in base inaccessible method.
4. Briefly explain the scientific notations with examples. 5
5. Write down the merits and demerits of the thematic map

(2)

6. Briefly describe the technique for closed traverse survey with prismatic compass.
7. What is Bench-mark? Classify Bench-marks. 2+3= 5
8. Explain Bowditch's method of closing error adjustment.

**Group-C**

**Answer any Five questions:**

**5x2= 10**

9. What is collimation line?
  10. Differentiate Whole Circle Bearing (WCB) with Quadrantal Bearing (QB).
  11. Why is the term transit applied to theodolites?
  12. What is meant by transect?
  13. Define Vernier Constant (VC) with a suitable example.
  14. What do you mean by magnetic declination?
  15. Define closing error.
  16. Mention the importance of Change Points (CP) in the Dumpy level survey.
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