

Total Pages-02

RNLKWC/B.Sc.-CBCS/IS/GEO/H/C2T/22

2022

Geography

[HONOURS]

(CBCS)

(B.Sc. First Semester End Examination-2022)

PAPER-C2T

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 of the following: 10x1=10

1. Define scale? Compare and contrast the different methods of expressing the scale. 2-8
2. Classify map projection with suitable illustrations.

Group-B

Answer any four questions of the following: 5x4 = 20

3. Differentiate between Magnetic bearing and True bearing
4. What are the differences between radial scale and tangential scale?
5. Distinguish standard line from standard projection with necessary diagram.

(2)

6. Calculate reduced bearing of 277° degree and 345° . Also calculate whole circle bearing of $W30^{\circ}N$ and $S30^{\circ}W$.
7. Write the significance of UTM projection.
8. Write the use and properties of Cylindrical Projection.
9. Elucidate the steps of constructing a diagonal scale mentioning its application.
10. Show the components of an ideal map with illustration.

Group –C

Answer any five questions:

2x5 = 10

11. What is secant projection?
 12. What is meant by vernier constant?
 13. What is generating glob?
 14. Define geoid.
 15. Why is UTM projection called transverse projection?
 16. Write two limitation of Graphical scale.
 17. What is Azimuthal Projection.
 18. Define Central Meridian.
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