

Raja Narendra Lal Khan Women's College (Autonomous)
1st Semester Examination 2021-2022

Subject: Geography
GEO-H-CC-02-TH- Cartographic Techniques.

Time: 2 hours

F.M. 40

Group A

Answer any one question

10x1=10

1. Classify map projection. 10
2. Elucidate the steps of constructing a vernier scale and write its application . 8+2

Group - B

Answer any four questions:

5x4=20

3. What is developable surface in map projection? What do you mean by the term constant of cone?
4. Calculate whole circle bearing of S30°W and reduced bearing of 170°.
5. Write the principles of UTM projection
6. Differentiate polar coordinate from rectangular coordinate system.
7. What is Choropleth Map? Mention the advantages and disadvantages of Choropleth Map.
8. 9. What is Homolographic Projection? Write its principles.

Group-C

Answer any five questions:

2x5=10

9. What is scale factor?
10. What is Great Circle?
11. What is meant by generating globe?
12. What is meant by geoid?
13. Find out the R.F. of the Indian topographical maps bearing 55/B/11 and 57/B
14. What is magnetic bearing?
15. Define standard parallel.
16. Write the advantage of isopleth map.