

MUGBERIA GANGADHAR MAHAVIDYALAYA

1ST INTERNAL EXAMINATION 2021-2022

B.Sc SEMESTER -1 (CBCS) Geography (Hons)

Paper-CC-2T Cartographic Techniques

Full marks-10

Time-1 Hour

date -22/12/2021

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The figures in the right –hand margin indicate marks.
Candidate are required to give their answers in their own words as far as practicable.

Answer any five question from the following questions

2×5=10

01. What is Geodesy?
02. Why Latitude and Longitude is a major element for a map.
03. What is Large Scale Map?
04. Define Generating Globe.
05. Classify the Projection on the basis of developable surface.
06. Highlight the major application of Topographical map.
07. Differentiate between Qualitative and Quantitative map.
08. What is R.F Scale?
09. Why diagonal scale use for Cadastral map.
10. What is Geographical co-ordinate system?

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2nd INTERNAL EXAMINATION 2021-22

B.Sc. SEMESTER-1 (CBCS) Geography (Hons)

Paper: CC-1: Geotectonics and Geomorphology.

Full marks-10. Time – 1 Hour. Date –17/02/2022

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The figure in the right-hand margin indicate marks.
Candidates are required to give their answers in their own words as far as practicable.

Answer any five questions

2X5=10

1. Write name of the major karst landform regions in World.
2. Explain how plate movements can cause earthquakes.
3. Explain the function of geological structure on cycle of erosion.
4. What is graded stream?
5. Explain the major types of Tripple junction in plate margin.
6. Write the difference between Regolith and Saprolite.
7. Discuss the major element of Sea Wave.
8. Write the major landform along cross profile of a river.
9. What is convex slope development proposed by W.Penck?
10. How does Wave Cut-Platform formed in coastal region.

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2nd INTERNAL EXAMINATION 2021-22

B.Sc. SEMESTER-1 (CBCS) Geography (Hons)

Paper: CC-2: Cartographic Techniques.

Full marks-10. Time – 1 Hour. Date –18/02/2022

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The figure in the right-hand margin indicate marks.

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

Answer any five questions

2X5=10

1. a. Calculate W.C.B of a line AB, when R.B is S 35° W of the line.
b. Calculate the R.B of a line AB, when W.C.B is 330° of the line.
c. Calculate the True Bearing of the line XY when Magnetic Bearing of the line is 150° and Magnetic Declination is 5° West.
d. calculate the Fore Bearing of the line PQ, when Back Bearing of the line is 112°.
2. a. State the identification number of two survey of Indian topographical map falling to the west and south of topo sheet number 73M/4.
b. State the RF of Survey of India metric maps bearing identification number 72J/10/SW.
c. State the contour interval of the SOI metric Toposheets- 4° Latitude × 4° Longitude of arc coverage.
3. Difference between Degree Sheet and Quadrant Sheet
4. Function of Latitude, Longitude and North Line on a map
5. Height of any parallel above Equator $Y\phi = R\sin\phi$ in case of Cylindrical equal area projection prove it.
6. What is Vernier constant? Calculate the least count of main of main scale 'd' when VC -0.01 inch and no of Vernier division is 'N'-10.
7. Why thematic map importance for geographical analysis.
8. Write the difference of between Perspective and Non-Perspective Projection.
9. 5 cm × 12 cm area on the map represents 120 km × 20 km ground area. What is the R.F. on the map.
10. Difference between direct and retrograde Vernier scale