

UGB Semester-I (CBCS) H/ Pr/ 2020 (N)
2020
Geography (H)
Paper DC1B & DC2B
(Practical)
Gour Mahavidyalaya
Full Marks: 30 Time: Four Hours

The figures in the margin indicate full marks

DC1B

1. What do you mean by composite and projected profiles in topographic analysis? 2
2. What is the use of serial profile in the topographic analysis? 2
3. What is unconformity and how do you identify it on a geological map? 2
4. From the given geological map (Map 1) identify the number of series and formations. Also identify the structure for the series present in the map. 2+3
5. Describe the characteristics of mica and granite. 2+2

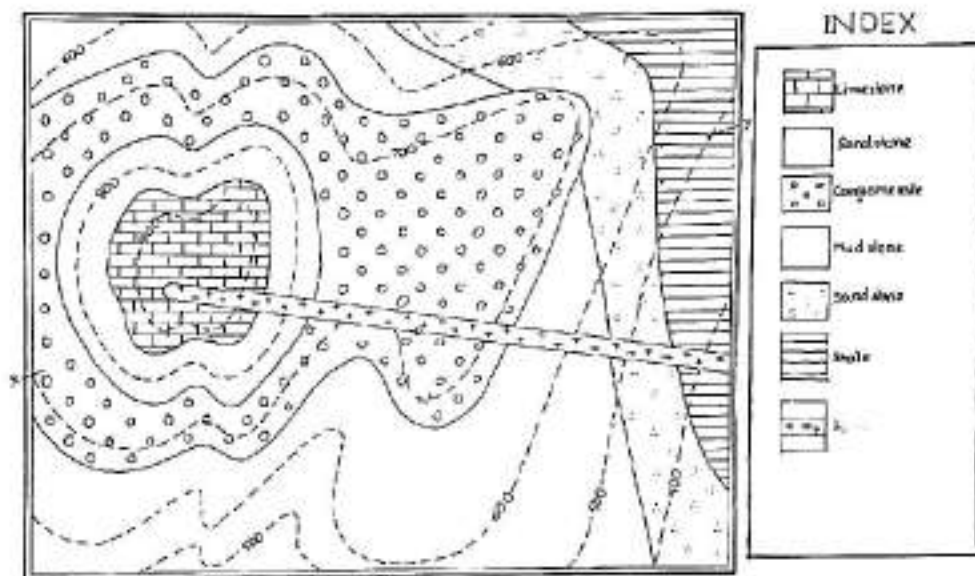
DC2B

6. Draw a diagonal scale to read 2.345" on a paper. Make necessary calculation for this. 3+2
7. Following consecutive readings were taken with a dumpy level along a line at a common interval of 10 m. First reading was taken at 100 meter. Instrument was shifted twice- one at 4th station and another at 7th station. Prepare the field book using rise and fall method (BM: 12.00m). 5

3.150, 2.245, 0.860, 3.125, 2.760, 1.835, 1.470, 1.965, 1.225, 2.390, 3.035
8. Draw the graticule of polar zenithal stereographic projection for North polar regions (up to 40°) on a scale 1: 100,000,000 at an interval of 10° 5

Map-1

GEOLOGICAL MAP



GEOLOGICAL SECTION ALONG THE LINE 'XY'

