



বিদ্যাসাগর বিশ্ববিদ্যালয়
VIDYASAGAR UNIVERSITY
Question Paper

B.Sc. Honours Examinations 2020

(Under CBCS Pattern)

Semester - I

Subject: GEOGRAPHY

Paper : C 2-T

Cartographic Techniques

Full Marks : 60 [Theory-40 + Practical-20]

Time : 3 Hours

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

The figures in the margin indicate full marks.

[Theory]

Answer any *two* questions :

2 × 20 = 40

1. Classify maps with suitable examples.
2. Classify map projection on the basis of developable surface and properties.
3. Describe with illustrations the procedure of closed traverse survey with the help of prismatic compass.
4. Elucidate the procedure of dumpy level survey with example.

Paper - C-2P
Cartographic Techniques Lab
(Practical)

Answer any *one* question :

$1 \times 20 = 20$

1. Draw a diagonal scale to read 3.72 miles where R.F. 1 : 45000. Explain how the properties of polar zenithal stereo graphic projections are maintained. Give your answer with suitable illustration. 10+10

 2. Draw the graticules of Cylindrical Equal Area Projection with extent 20°N to 60°S and 90° W to 30° W at an interval of 10° on the scale 1 : 65,000,000. Write the properties of this projection. 15+5

 3. Which cultural features would you get from Survey of India topographical map? Draw their symbols. Explain the principles of stream ordering scheme of Strahler with suitable sketch. 15+5
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