



'समानो मन्त्रः समितिः समानी'

UNIVERSITY OF NORTH BENGAL
B.A./B.Sc. Honours 6th Semester Examination, 2022

DSE-P3-GEOGRAPHY (PRACTICAL)

ADVANCED CARTOGRAPHY

Time Allotted: 2 Hours

Full Marks: 20

The figures in the margin indicate full marks.

SET-III

1. Determine the height of a tower and horizontal distance of the base of tower from the first instrument position. 3+2+3
 - (a) Instrument height of 1st position of observation = 1.150 m.
 - (b) Instrument height at 2nd position of observation = 1.655 m.
 - (c) Horizontal distance between two stations of observation = 450 m.
 - (d) Angle of elevation from two stations of observation are 23°15' and 32°15'.Plot the diagram with suitable scale.

2. Draw graticules for Polar Zenithal Gnomonic Projection with the following data: 7
 - (a) Parallels of latitudes : 45°N — 90°N
 - (b) Meridians of Longitudes : All
 - (c) Interval : 15°
 - (d) R. F. : 1: 75,000,000.

3. Laboratory Note Book and Viva-Voce 3+2

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DSE-P3-GEOGRAPHY (PRACTICAL)

POLITICAL GEOGRAPHY

Time Allotted: 2 Hours

Full Marks: 20

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SET-III

1. Following table shows the religious structure of Indian population. Represent the data with suitable cartographic technique. 8

Sl. No.	Religions group.	% Share of Population	
		1991	2001
1.	Hindu	82.00	80.50
2.	Muslim	12.10	13.40
3.	Christian	2.30	2.30
4.	Shikh	1.90	1.90
5.	Buddhist	0.80	0.80
6.	Jain	0.40	0.40
7.	Others	?	?

2. Following data shows all India proportion of internal migration by Reasons for Migration Rural to Rural and Rural to Urban streams (%) 2007-08. 6+1

Represent the data with suitable cartographic technique and interpret it.

Reason of Migration	Rural to Rural	Rural to Urban
(a) Employment	29.1	60.9
(b) Education	10.5	7.8
(c) Marriage	12.2	1.6
(d) Movement of Parents	23.7	22.8
(e) Others	24.4	6.9

3. Laboratory Note Book and Viva-Voce 3+2

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