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-II

1. At a point 'P' a man observes the elevation of the top of a tower 'Q' as 34°20'. He walks 10 meter directly towards the tower and from point 'M' the angle of elevation reads as 45°30' at the top of tower 'Q'. Height of the instrument is 1.225 meter at both points (P and M).   3+2+3

    (a) Calculate the height of tower Q.

    (b) Find out the distance between P and base of the tower.

    (c) Draw the sketch with suitable scale.

2. Draw a net graticules on Polar Zenithal Equidistant Projection with the following data.   7

    Parallels: 45°S to 90°S

    Meridian: All

    Interval: 15°

    R.F: 1: 90,000,000.

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

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UNIVERSITY OF NORTH BENGAL

B.A./B.Sc. Honours 6th Semester Examination, 2022

DSE-P3-GEOGRAPHY (PRACTICAL)

POLITICAL GEOGRAPHY

Time Allotted: 2 Hours   Full Marks: 20

The figures in the margin indicate full marks.

SET-II

1. The following table presents population of different religions of some selected CD blocks in the district of Darjeeling (Census 2011). Represent the data by proportional divided circles.   8

Block	Hindu	Muslim	Christian	Sikh	Buddhist	Jain	Others	Total
Mirik	16253	190	3678	6	8740	10	1505	
Kurseong	30939	610	7110	38	22420	69	1750	
Matigara	88717	10305	10591	192	2855	48	508	
Naxalbari	73404	9420	10878	329	2164	33	35	
Phansidewa	62356	48202	33096	148	471	13	367	
Khoribari	50714	5012	4047	21	391	15	146	
Gorubathan	20993	319	5645	22	12766	36	700	
Kalimpong-I	22256	853	14550	10	14156	27	1222	

2. The following table presents the Rural to Urban migration data of 7 Indian states. Represent the data with a suitable cartographic technique and interpret the result.   6+1

SL. NO.	State	Rural to Urban migration	
		Male	Female
1.	Jammu and Kashmir	23,700	18,300
2.	Himachal Pradesh	94,000	78,000
3.	Punjab	1,70,000	1,80,000
4.	Harayana	2,30,000	2,80,000
5.	Uttarakhand	2,15,000	1,72,000
6.	Uttarpradesh	30,39,000	18,47,000
7.	Bihar	18,85,000	9,94,000

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

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