



'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-I

1. Determine the height and distance of a building when, 3+2+3
 - (a) Ground is levelled and instrument height is 1.555 meter at both the stations (A and B).
 - (b) Angle of elevation from station 'A' is $22^{\circ} 35'$ and from 'B' is $30^{\circ} 40'$.
 - (c) Distance between A and B is 4.555 meter.
Plot the same with a suitable scale.

2. Draw graticules on Polar Zenithal Equal Area Projection with the following 6+1
extension.

| | |
|-----------------------|----------------------------------|
| Parallels of latitude | 30° S to 90° S |
| Meridians | All |
| Interval | 15° |
| Scale | $1 : 125 \times 10^6$ |

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

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'সমানো মন্ত্র: সপিতি: সমানী'

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-I

1. The following table presents Gender distribution of population of some selected States of India. Represent the data by pie diagram. 8

| Sl. | State | Male Population | Female Population |
|-----|-------------------|-----------------|-------------------|
| 1 | Jammu and Kashmir | 6640662 | 5900640 |
| 2 | Uttar Pradesh | 104,480,510 | 95,331,831 |
| 3 | Madhya Pradesh | 37,612,306 | 35,014,503 |
| 4 | West Bengal | 46,809,027 | 44,467,088 |
| 5 | Rajasthan | 35,550,997 | 32,997,440 |
| 6 | Tamil Nadu | 36,137,975 | 36,009,055 |
| 7 | Assam | 15,939,443 | 15,266,133 |
| 8 | Maharashtra | 58,243,056 | 54,131,277 |

2. The following table presents the rural to urban migrations of India. Represent the data with suitable cartographic techniques and interpret it. 6+1

| Census year | Male migrants | Female migrants |
|-------------|---------------|-----------------|
| 1981 | 31354273 | 112228949 |
| 1991 | 31196064 | 127994031 |
| 2001 | 42528896 | 165244765 |

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

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