2023

GEOGRAPHY (Honours)

Paper Code : GEOH DC-4B

(Cartograms and Thematic Mapping)

(Practical)

Set - I

Full Marks : 15   Time : One Hour Thirty Minutes

The figures in the margin indicate full marks.

Attempt *all* the questions.

1. Represent the following data (Table-1) by suitable cartogram and interpret your findings.   6+1=7

2. (a) Draw three isolines and (20°C, 22°C & 24°C) and identify four regions of temperature on the base map with point based data and label it properly. 3+1=4

    (b) What is the difference between choropleth and chorochromatic map?   1

3. Laboratory Notebook and Viva-Voce.   1.5+1.5=3

Table-1 Rural and Urban Population of South Bengal, 2011

Sl. No.	Name of District	Rural Population	Urban Population
1	Murshidabad	5697224	1405206
2	Birbhum	4644079	3079585
3	North 24 Parganas	4275725	5807128
4	Haora	1776970	3064668
5	Kolkata	0	4486679
6	Bankura	3295613	300679
7	South 24 Parganas	6065179	2087997

2022

GEOGRAPHY (Honours)

Paper Code : DC - 4B

(Cartograms and Thematic Mapping)

[Practical]

(Set - 2)

Full Marks : 15   Time : One Hour Thirty Minutes

The figures in the margin indicate full marks.

Attempt *all* the questions.

1. Draw Sphere diagram to represent district wise distribution of Urban population of Meghalaya from the following table and interpret.   7

Sl no	District	Urban Population
1	West Garo Hills	75078
2	East Garo Hills	44240
3	South Garo Hills	13044
4	West Khasi Hills	42988
5	Ri Bhoi	25124
6	East Khasi Hills	366049
7	Jaintia Hills	28483

Source : Census of India, 2011

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2. Draw proportional divided circle to represent district wise forest cover (km^2) of Sikkim from the following table : 5

District	Very dense forest	Moderate dense forest	Open forest
East Sikkim	271.15	313.61	127.96
North Sikkim	410.61	586.18	287.26
South Sikkim	173.35	289.49	108.98
West Sikkim	246.85	363.03	164.02

3. Laboratory note book and viva-voce. 1½+1½

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2023

GEOGRAPHY (Honours)

Paper Code : GEOH DC-4B

(Cartograms and Thematic Mapping)

(Practical)

Set - III

Full Marks : 15   Time : One Hour Thirty Minutes

The figures in the margin indicate full marks.

Attempt *all* the questions.

1. Represent the following data (Table-1) by suitable cartogram and interpret your findings.   6+1=7

2. (a) Identify major landuse categories (Built-up area, Arable Land, open spaces, water bodies, vegetation cover) of map from the Table-2 and label it properly.   3+1=4

   (b) What is the difference between choropleth and chorochromatic map?   1

3. Laboratory Notebook and Viva-Voce.   1.5+1.5=3

Table-1 Category of workers of some selected Blocks of Malda, 2011

Block	Category of Workers				Total Workers
	Cultivators	Agri Labourer	Household Industry Worker	Other Worker	
Harishchandrapur-I	14687	38171	2019	15276	70153
Chanchal-II	16531	38816	2203	13096	70646
Ratua-1	20093	38870	6258	25137	90358
Gazole	51433	57954	2748	33963	146098
Kaliachak-I	7821	21494	53453	91750	174518
Kaliachak-III	19127	40520	60603	40145	160395

Table-2 Landuse Categories of English Bazar Municipal Area

SL No	Land Id	Land Cover Category
1	1	Mango Orchard
2	2	Other Vegetation
3	3	Arable Land
4	4	Open Space
5	5	Settlement
6	6	Pond
7	7	River
8	8	Wetland
9	9	Railway

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