

2023

GEOGRAPHY — HONOURS — PRACTICAL

Paper : CC-8P

(Economic Geography)

Full Marks : 30

The figures in the margin indicate full marks.

Answer all questions.

SET - I

1. Table 1 shows the per capita GDP (Gross Domestic Product) of selected States of India. Select suitable classes and prepare a choropleth map (Map no. 1) on the basis of the data. Interpret the map.

3+6+1

Table 1 : GDP per Capita (in rupees) in selected States of India

Sl. No.	States	Per capita GDP (in Rupees)
1	Sikkim	4,35,199
2	Bihar	44,652
3	Haryana	2,60,287
4	Mizoram	1,87,919
5	Meghalaya	96,015
6	Arunachal Pradesh	1,52,716

2. Calculate the Detour Index from the data provided in Table 2. Classify the settlements (A to J) as per their accessibility (from station 0).

5+2

Table No. 2

From	To	Actual Distance / Curve Distance (cm)	Straight Line Distance (cm)
0	A	1.0	1.1
	B	5.0	5.0
	C	5.0	4.9
	D	9.0	7.5
	E	9.0	5.8
	F	9.5	5.9
	G	5.5	3.9
	H	4.5	3.6
	I	8.5	5.8
	J	9.5	6.6

Please Turn Over

3. Calculate and draw proportional divided circles to represent the data on distribution of workers (Table No. 3) of the following stations and interpret.

6+2

Table No. 3

Sl. No.	Stations	Main Workers			
		Cultivators	Agricultural Labourers	Household Industries	Other Workers
1	A	22907	16322	2334	16498
2	B	20309	14456	4132	21563

4. Viva voce based on Laboratory Notebook.

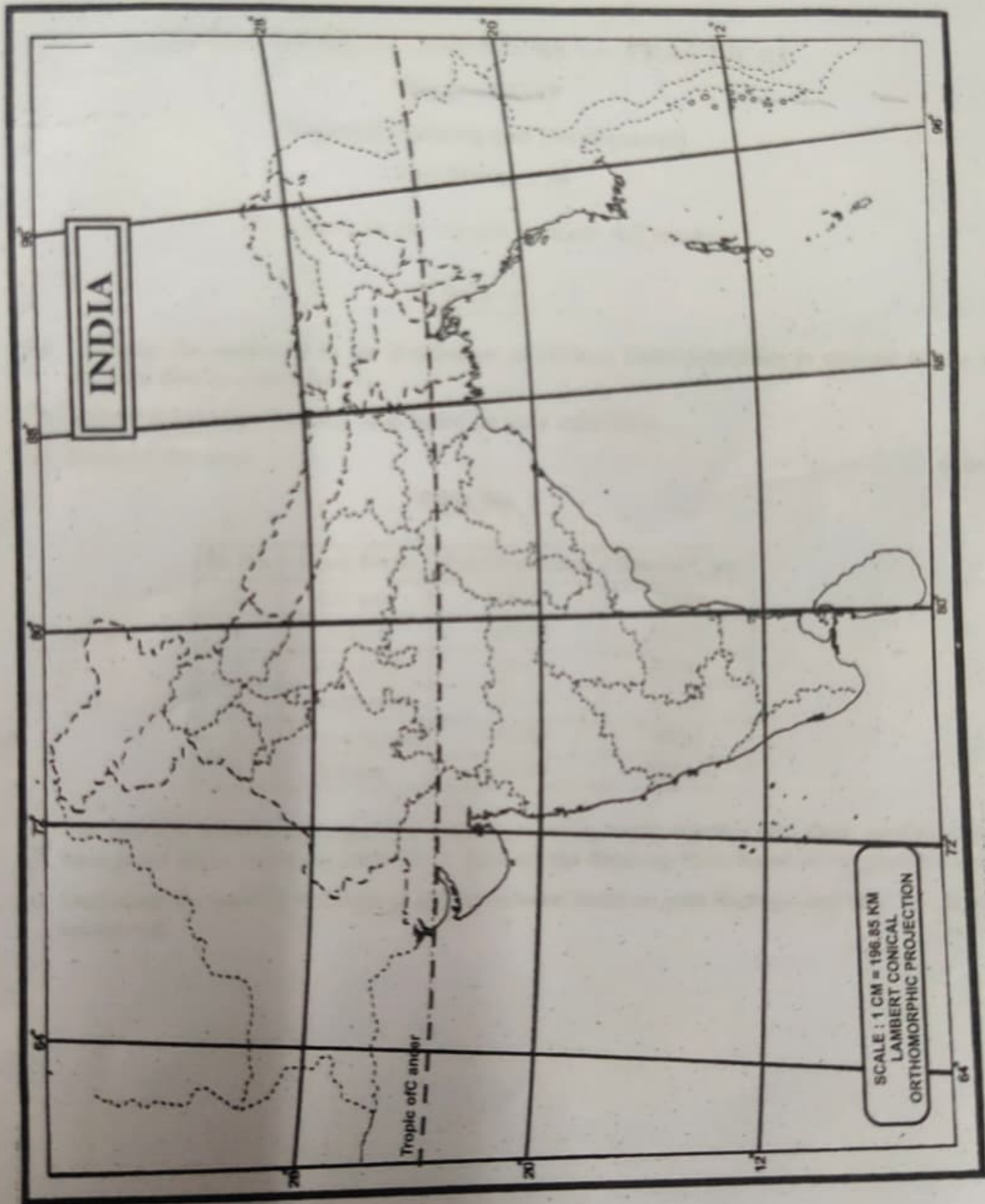
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(3)

Z(4th Sm.)-Geography-H/Pr./CC-8P/
Map/CBCS/(Set-I)

Map No. 1

Question No. 1



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SET - II

1. Table 1 shows crude steel production in India (in Metric tons).

- (a) Draw a time series graph.
- (b) Compute and draw the trend by four years moving average.
- (c) Interpret the trend of production.

4+6+2

Table 1 : Crude Steel Production in India (in metric tons).

Year	Production (in metric tons)
2011	70.7
2012	74.3
2013	78.4
2014	81.7
2015	89.0
2016	90.0
2017	97.9
2018	103.1
2019	110.9
2020	109.9
2021	102.5

2. Table 2 shows the per capita GDP (Gross Domestic Product) of selected States of India. Select suitable classes and prepare a choropleth map (Map No. 1) on the basis of the data. Interpret the map.

4+8+1

Table 2 : GDP per capita (in rupees) in selected States of India

Sl. No.	States	Per capita GDP (in Rupees)
1	Jammu & Kashmir	1,10,890
2	Himachal Pradesh	2,11,325
3	Panjab	1,71,906
4	Haryana	2,60,287
5	Uttarakhand	2,20,257
6	Uttar Pradesh	70,680
7	Rajasthan	1,23,343 ✓
8	Gujarat	2,22,486

3. Viva voce based on Laboratory Notebook.

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SET - III

1. Table 1 shows production of iron ore in India from 2010-2021.
- (a) Draw a time series graph.
 - (b) Compute and draw the trend by four years moving average.
 - (c) Interpret.

3+10+2

Table No. 1

Year	Iron Ore Production (in million metric tons)
2010	209.7
2011	195.8
2012	152.6
2013	136.1
2014	139.4
2015	142.5
2016	184.5
2017	201.82
2018	204.72
2019	229.76
2020	203.96
2021	250.02

2. (a) Calculate and prepare a choropleth map showing the State wise variation in the GSDP for the year 2016-17 on the basis of the given data in Table No. 2.

Table No. 2

Sl. No.	States	GSDP (INR) (at current price) (Rs. in crores)
1	Assam	2,54,478
2	Bihar	4,22,316
3	Chattisgarh	2,54,722
4	Himachal Pradesh	1,25,634
5	Madhya Pradesh	6,48,849
6	Odisha	3,93,808
7	West Bengal	8,72,527
8	Kerala	6,34,871

- (b) Interpret the map.

8+2

3. Viva voce based on Laboratory Notebook.

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