

UG/5th Sem (H)/Pr/22/(CBCS)

2022

GEOGRAPHY (Honours)

Paper Code : DSE-1B

(Practical)

Set - I

Full Marks : 15

Time : One Hour Thirty Minutes

The figures in the margin indicate full marks.

Attempt all the questions.

(Remote Sensing and GIS)

1. What is georeferencing? Mention the procedures of making final layout of a thematic map in Q-GIS platform. 2+5=7
 2. What do you mean by sliver polygon? Write down the steps to digitize a channel extracted from a SOI toposheet map in QGIS platform. 2+3=5
 3. Laboratory notebook and viva-voce. 1.5+1.5=3
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(Political Geography)

1. Make a cartographic presentation (comparative bar diagram) of 'Index of Democracy' based on the given data, as follows : 4

	Major Geographic Region	Index of Democracy	
		2021	2020
1.	North America	8.36	8.58
2.	Western Europe	8.23	8.29
3.	Latin America and the Caribbean	5.83	6.09
4.	Asia and Australasia	5.46	5.62
5.	Central and Eastern Europe	5.36	5.36
6.	Sub-Saharan Africa	4.12	4.16
7.	Middle East and North Africa	3.41	3.44

2. (a) Represent Happiness Index Score of 2020 of Indian States, UTS with suitable cartographic techniques. 6

- (b) What do you know about *voting behaviour*? 2

	Name of State/UTs	HIS		Name of State/UTs	HIS
1.	Mizoram	3.57	7.	Uttar Pradesh	3.41
2.	Punjab	3.52	8.	Maharashtra	3.40
3.	Andaman & Nicobar	3.47	9.	Tripura	3.39
4.	Sikkim	3.43	10.	Kerala	3.38
5.	Gujarat	3.42	11.	Jharkhand	3.37
6.	Arunachal Pradesh	3.41	12.	Haryana	3.36

3. Laboratory notebook and viva-voce. 1.5+1.5=3

UG/5th Sem (H)/Pr/22/(CBCS)

2022

GEOGRAPHY (Honours)

Paper Code : DSE-2B

(Practical)

Set - I

Full Marks : 15

Time : One Hour Thirty Minutes

The figures in the margin indicate full marks.

Attempt *all* the questions.

(Fluvial Geomorphology)

1. Draw Dissection Index Map of an area (8cm × 8 cm)
from the given table and interpret it. 6+1=7

Grid No.	Maximum elevation in meter	Minimum elevation in meter
A1	260	240
A2	600	540
A3	660	560
A4	680	480
B1	600	560
B2	300	240
B3	681	500
B4	600	280

P.T.O.

(2)

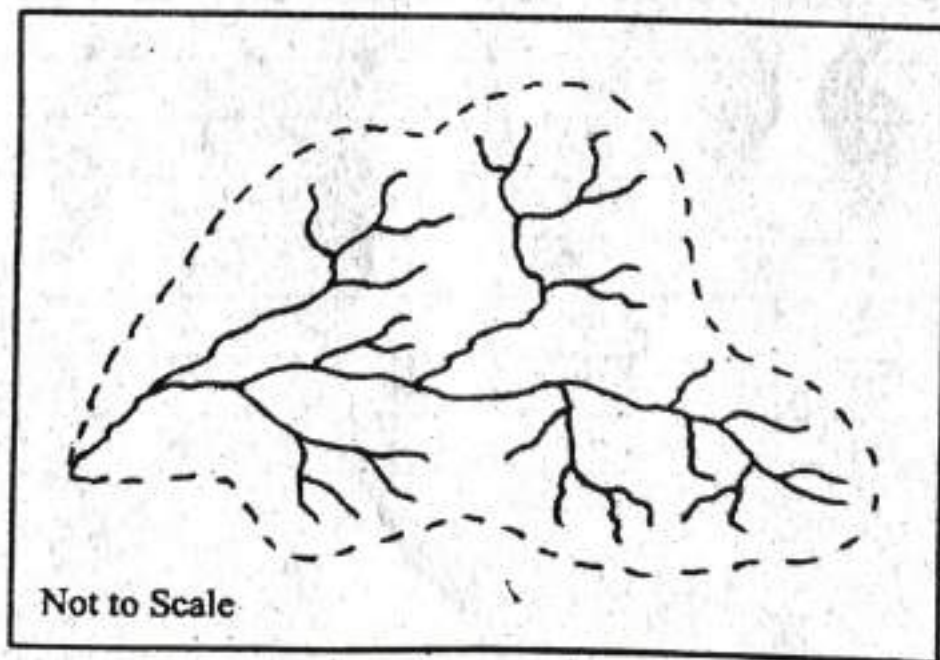
Grid No.	Maximum elevation in meter	Minimum elevation in meter
C1	580	540
C2	620	560
C3	360	240
C4	520	260
D1	260	220
D2	360	260
D3	400	260
D4	530	260

Grid orientation :

A1		C1	
	B2		
A3			D3
	B4		

2. Work out stream ordering according to Shreve from the given drainage basin and calculate bifurcation ratio.

2+3=5



3. Laboratory notebook and viva-voce. 1.5+1.5=3

(Social and Cultural Geography)

1. Prepare a suitable thematic map with the following data and comment on the result (Map No. 1). 6+1

Table - 1

Blocks	Area (Sq. km)	Total Population
Balurghat	363.9	248901
Gangarampur	315.6	237628
Tapan	441.1	250504
Kumarganj	286.9	169102
Harirampur	214.9	136853
Kushmandi	310.5	198752
Hili	88.1	83754
Banshihari	197.5	141286

Source : Census of India, 2011

2. Calculate gender parity index of the given data (Table-2) and interpret it. 4+1

P.T.O.

Table 2 : Enrolment of Foreign Students in Indian Higher Education : 2015-16

Countries	Male	Female
Nepal	6403	3171
Afghanistan	3972	432
Bhutan	1677	1248
Nigeria	1458	632
Sudan	1869	190
Malaysia	705	1196
Srilanka	511	678

Source : Dept. of Higher Education, MHRD, Govt. of India.

3. Laboratory notebook and viva-voce. $1.5+1.5=3$
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