2023

GEOGRAPHY (Honours)

Paper Code : GEOH DSE-1B

(Practical)

Set - I

Full Marks : 15   Time : One Hour Thirty Minutes

The figures in the margin indicate full marks.

(Remote Sensing and GIS)

Answer *all* the questions.

1. (a) Open Q-GIS software and import the given scanned map into Q-GIS platform and Georeference it using transformation method.

   (b) Set the coordinate system (Kalianpur 1975, UTM Zone 45 N or EPSG 24345) to the map and save the georeferenced map into the destination folder named after your Roll No.   1+5+1=7

2. (a) Digitize the marked area by polygon and save the shape file with name 'Forest-BR'.

   (b) Find out the coordinate of the given point. 4+1=5

3. Laboratory notebook & Viva-voce.   1½+1½=3

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P.T.O.

(Political Geography)

Answer *all* the questions.

1. Make a simple bar graph to show the World's Happiness Index (Average) of the following Regions and comment on it. Which country was ranked the happiest in the world in 2023?   4+1=5

Region	Average Happiness Index
Europe	6.62
North America	6.41
Oceania	6.39
Latin America & the Caribbean	6.07
Eastern Europe	5.49
Asia & Australasia	5.21
Sub-Saharan Africa	4.5
Middle East & North Africa	4.43

Source : World Happiness Report 2023

2. Prepare a suitable cartographic representation of the following data based on NES 2023, Pre-Polling Survey of People of any state for Measuring Voting Behaviour and Interpret.   5+2=7

Sl. No.	Issues	Number of respondent
1	Price Rise	2549
2	Development	3432
3	Rafale Deal	90
4	Reservation	285
5	India - Pakistan	431
6	Unemployment	1924
7	Citizenship Bill	81
8	Cow Protection	256
9	Others	269
10	No Respondence	683
Total		10000

Source : Based on Survey of CSDS, Lok Niti Delhi, 2023

3. Laboratory notebook and viva-voce. $1\frac{1}{2}+1\frac{1}{2}=3$

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2023

GEOGRAPHY (Honours)

Paper Code : GEOH DSE-1B

(Practical)

Set - II

Full Marks : 15 Time : One Hour Thirty Minutes

The figures in the margin indicate full marks.

(Remote Sensing and GIS)

Answer *all* the questions.

1. (a) Import the scanned topographical map in Q-GIS platform.

   (b) Georeference the map using linear transformation method and set a coordinate system (WGS 1984, UTM Zone 45 N or EPSG 32645) to the map.

   (c) Save the georeferenced map into the destination folder with name as your Roll No.   1+5+1=7

2. (a) Digitize the river using line and save the shape file with name 'River-BR'.

(b) Digitize the marked points (A, B, C) using point symbol and save the shape file with name 'Settlement-BR'.   2+3=5

3. Laboratory notebook & Viva-voce.   1½+1½=3

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(Political Geography)

Answer *all* the questions.

1. Make a simple Bar graph to show the World's Democracy Index of the following Regions and comment on it. Mention most common indicators used to measure Democracy Index?   4+1=5

Region	Average Score
Europe	7.47
Oceania	7.4
North America	7.2
Latin America & the Caribbean	6.01
Sub-Saharan Africa	4.3
Middle East & North Africa	3.38
Asia & Pacific	5.45

Source : Economist Intelligence Unit Democracy Index 2022

2. Prepare a suitable cartographic representation of the following data based on Survey of People of any state for Measuring Voting Behaviour and Interpret.   5+2

Sl. No.	Sources of Information about politics	Number of Respondent
1	Television	12841
2	Newspaper	2365
3	Radio	708

Sl. No.	Sources of Information about politics	Number of Respondent
4	Internet	578
5	Facebook	358
6	Twitter	112
7	WhatsApp	636
8	Instagram	99
9	YouTube	553
10	Mobile Phone	1213
11	Friends/Neighbour	695
12	Village Head	453
13	General People	317
14	No Response	110

Source : Based on Primary and Secondary data, CSDS, Lok Niti 2023

3. Laboratory notebook and Viva-voce.   1½+1½=3