

2018

2nd Semester

GEOGRAPHY

(Honours)

PAPER—C4P (Set-1)

(Practical)

Full Marks : 20

Time : 2 Hours

The figures in the margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

Illustrate the answers wherever necessary.

Cartography (Lab.)

Answer all questions.

1. Run a dummy level survey along a line of 30 m (given in the field) long at 5 m interval taking one changing point at the middle station where the BM is 25.75 m.
 - (i) Prepare a field book and enter the readings neatly.
 - (ii) Calculate the reduced levels with arithmetic check.
 - (iii) Draw a profile on suitable scale. 6+4+5

Or

Make a closed traverse survey by Prismatic Compass around the three stations X, Y and Z given in the field.

- (i) Prepare a field book and enter the readings neatly.
- (ii) Make the necessary correction and draw the traverse with necessary adjustment by parallel meridian method.
- (iii) Calculate the included angles of each station with proper checking for angular measurement of the traverse.

6+6+3

Or,

2. (a) Prepare a suitable thematic map on the following data of North Bengal, 2011 and comment on the literacy rate of six districts :

Sl. No.	Name of the districts	Literary (%)
1.	Darjiling	79.56
2.	Jalpaiguri	73.25
3.	Coochbehar	74.78
4.	North Dinajpur	59.07
5.	South Dinajpur	72.82
6.	Maldah	61.73

8+2

- (b) The diagram data shows the male and female population of different CD Blocks of Maldah District in 2011. Draw the suitable diagram. 5

Sl No.	Name of the Cd Blocks	Population (2011)	
		Male	Female
1.	Harischandrapur-I	25346	23723
2.	Harischandrapur-II	16871	15423
3.	Gazole	65979	62485
4.	Ratua-I	15977	14561
5.	Ratua-II	6740	6140

3. Laboratory Note Book and Viva-voce.

3+2

2018

2nd Semester

GEOGRAPHY

(Honours)

PAPER—C4P (Set-2)

(Practical)

Full Marks : 20

Time : 2 Hours

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Illustrate the answers wherever necessary.

Cartography (Lab.)

Answer all questions.

1. Conduct a closed traverse survey by Prismatic Compass for the area ABCD (to be identified by the examiner in the field).
 - (i) Prepare a proper field book and enter the readings taken from the field survey.

- (ii) Make necessary corrections and plot the traverse applying parallel meridian method. 4
- (iii) Find out the included angles. 4
- (iv) Calculate area of the traverse. 1

Or

Conduct a levelling survey by Dumpy Level along a line PQ (to be identified by the examiner in the field) which is 30 m long taking staff reading at every 3 m interval. Shift the instrument at 18 m where the BM is 5.5 m.

- (i) Prepare a field book and enter the readings taken from the field. 6
- (ii) Calculate the reduced levels and show arithmetic check. 4
- (iii) Draw a profile on a suitable scale on the basis of derived reduced levels. 4
- (iv) Calculate the slope and gradient between stations P and Q. 1

Or,

2. (a) Draw a suitable diagram to show the following dataset and interpret the prepared diagram :

<u>Urban Centres</u>	<u>Population</u>
A	35355
B	18274
C	103976
D	147572
E	17543
F	15769

4+1

- (b) Draw a suitable diagram to show the following data set and interpret the prepared diagram.

<u>Urban centres</u>	<u>Total workers</u>	<u>Primary workers</u>	<u>Secondary workers</u>	<u>Tertiary workers</u>
1	6250	730	1360	4160
2	4643	1476	917	2250
3	25676	1390	7173	17113
4	5030	910	1275	2845
5	25415	635	1811	22969

8+2

3. Practical Note Book and Viva-voce.

2+3

2018

2nd Semester

GEOGRAPHY

(Honours)

PAPER—C4P (Set-3)

(Practical)

Full Marks : 20

Time : 2 Hours

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Illustrate the answers wherever necessary.

Cartography (Lab.)

Answer all questions.

1. Any one (selected by lottery by the examiners).

Make a closed traverse survey by prismatic compass around the four station M, N, O, P given in the field.

(Turn Over)

- (i) Make a field book with necessary corrections after entering the reading.
- (ii) Plot the traverse properly using Parallel Meridian Method. 10+5

Or

Make a Dumpy Level along the line AB (30 m) long, taking of 3 m interval (change point at 18 m). GM at change point is 80 m.

- (i) Enter the readings in a neatly drawn field book.
- (ii) Calculate the reduced levels.
- (iii) Draw the profile on a suitable scale. 6+4+5

OR,

2. (a) Draw a Choropleth map to show female literacy of North 24 Parganas (Map-1) and interpret it.

Sl. No.	Name of blocks	Female Literacy (%)	Sl. No.	Name of blocks	Female Literacy (%)
1.	Bagda	37.97	12.	Rajarhat	51.76
2.	Bongaon	42.85	13.	Basirhat-I	34.07
3.	Barrackpur-I	58.09	14.	Basirhat-II	43.69
4.	Barrackpur-II	56.01	15.	Baduria	44.26
5.	Habra-I	54.37	16.	Swarupnagar	42.25
6.	Habra-II	48.59	17.	Hadoa	31.06

7.	Amdanga	47.43	18.	Minakhan	26.46
8.	Barasat-I	46.94	19.	Hasnabad	34.49
9.	Barasat-II	42.11	20.	Hingalgang	37.21
10.	Gaighata	50.80	21.	Sandeskhali-I	37.21
11.	Deganga	42.07	22.	Sandeskhali-II	25.90

4+1

(b) Draw a suitable diagram to show the following data set and interpret it.

Village	Oilseed (in kg) Production	Rice Population Per hactare (in kg)	Vegetables Per hectare (in kg)
Ramagar	15.00	400.00	28.00
Haripur	13.00	350.00	145.00
Asanda	13.50	290.00	167.00
Khakurda	12.70	331.00	160.00
Gouripur	14.00	250.00	155.00

3. Laboratory Note Book and Viva-voce.

3+2

2018

2nd Semester

GEOGRAPHY

(Honours)

PAPER—C4P (Set-4)

(Practical)

Full Marks : 20

Time : 2 Hours

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Illustrate the answers wherever necessary.

Cartography (Lab.)

Answer all questions.

1. Run a dumpy level survey along the line MN of 35 m (given in the field) at an interval of 5 m taking one changing point at 20 m length of the station in which the B.M. is 22.0 m.
 - (i) Prepare the proper field book and enter the readings neatly.
 - (ii) Calculate the reduced levels with arithmetic check.

(Turn Over)

- (iii) Draw a profile form of the land surface on suitable scale. 6+4+5

Or

Make a closed traverse survey by Prismatic Compass around the stations A, B and C given in the field.

- (i) Prepare the proper field book and enter the readings neatly and make the necessary corrections.
- (ii) Draw the traverse with necessary adjustment by parallel meridian method.
- (iii) Calculate the included angles of each station with proper checking for angular measurement of the traverse. 6+4+5

Or,

2. (a) Prepare a suitable diagram to show the percentage of urban population of Birbhum district and interpret the same.

Sl. No.	Name of Tahsil	Percentage of Urban Population (2011)
1.	Rampurhat (M)	100.00
2.	Suri (M)	100.00
3.	Sainthia	4.73
4.	Dubrajpur	100.00
5.	Bolpur	100.00
6.	Murarai-I	11.98

4+1

- (b) Draw the diagrams of dots and spheres on the map of Birbhum District on the basis of given data on Rural and Urban population.

<i>Block Name</i>	<i>Rural Population</i>	<i>Urban Population</i>
1. Murarai-I	167941	22861
2. Murarai-II	212237	9796
3. Nalhati-I	204818	0
4. Nalhati-II	127785	0
5. Rampurhat-I	188435	0
6. Rampurhat-II	179705	8118
7. Mayureswar-I	149606	10176
8. Mayureswar-II	127661	0
9. Mohammad Bazar	164570	0
10. Rajnagar	64014	13965
11. Suri-I	96141	15236
12. Suri-II	87405	0
13. Sainthia	186107	9242

<i>Block Name</i>	<i>Rural Population</i>	<i>Urban Population</i>
14. Labpur	196482	5419
15. Nanoor	213387	5267
16. Illambazar	161584	7125
17. Khoirasol	153248	0
18. Dubrajpur (M)	0	38041
19. Bolpur (M)	0	80210

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3. Practical Note Book and Viva-voce.

3+2

