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C/18/B.Sc./2nd Sem/GEOH/C4P(S-1)

**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

*(Turn Over)*

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