

UG/3rd Sem (H)/Pr/22/(CBCS)

2022

**GEOGRAPHY (Honours)**

**Paper Code : DC-5B**

**[Climatology]**

**(Practical)**

**Set - 1**

Full Marks : 15

Time : One Hour Thirty Minutes

*The figures in the margin indicate full marks.*

*Answer all questions.*

- ✓ 1. Read the instrument provided to you by the centre and note the readings in a table and find out the relative humidity with proper illustrations. 5
- ✓ 2. Prepare a climograph of Kolkata (Table-1) as proposed by Taylor based on the following data and interpret the nature of comfortness. What is the necessity of using alcohol in Six's maximum minimum thermometer? 6+1=7
- ✓ 3. Laboratory Note Book and Viva-voce. 1.5+1.5=3

P.T.O.

Table-1 Kolkata, 2012

Months	Wet Bulb Temperature (Degree F)	Relative Humidity (%)
January	64.8	40
February	68.5	44
March	70.5	38
April	78.1	38
May	82.9	57
June	82.3	69
July	80.8	81
August	80.7	79
September	80.0	75
October	78.0	72
November	68.9	48
December	68.4	48

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2022

**GEOGRAPHY (Honours)**

**Paper Code : DC-6B**

**[Statistical Methods in Geography]**

**(Practical)**

**Set - 1**

**Full Marks : 15**

**Time : One Hour Thirty Minutes**

*The figures in the margin indicate full marks.*

*Answer all questions.*

1. The following is the information on ages and cholesterol levels for a random sample of 10 men. Find out the regression of cholesterol level on age. Predict the cholesterol level of a 72-years old man. 6+1=7

Age	Cholesterol Level
58	189
69	235
43	193
39	177
63	154
52	191
47	213
31	165
74	198
36	181

P.T.O.

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2. The following is the age distribution of the persons residing in an area. Find out the median age. 5

Age (Years)	Number of Persons (Thousand)
Below 10	2
Below 20	5
Below 30	9
Below 40	12
Below 50	14
Below 60	15
Below 70	15.5
Below 80	15.6

3. Laboratory Note Book and Viva-voce. 1.5+1.5=3
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**GEOGRAPHY (Honours)**

**Paper Code : DC-7B**

**(Practical)**

**Set - I**

Full Marks : 15

Time : One Hour Thirty Minutes

*The figures in the margin indicate full marks.*

*Attempt all the questions.*

1. Interpret the given weather map of India with reference to : 2.5+2.5+2=7
    - (a) Trend of isobars and pressure gradient.
    - (b) Sea condition.
  2. Identify the given specimens of minerals and rocks and mention one characteristic of each. 5×1=5
  3. Laboratory Note Book and viva-voce. 1.5+1.5=3
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