

2022**GEOGRAPHY — HONOURS — PRACTICAL****Paper : CC-7P****(Statistical Methods in Geography)****Full Marks : 30***The figures in the margin indicate full marks.***Batch - I**

1. Table No. (1) represents the population of 40 villages in the CD Block Saltora, arranged in 7 classes in the given table :

Table - 1

Population of 40 selected villages of CD Block Saltora, Bankura	
Class Interval (Pop Groups of Villages)	No. of Villages
200 – 400	3
400 – 600	9
600 – 800	7
800 – 1000	3
1000 – 1200	10
1200 – 1400	6
1400 – 1600	2

- (a) Draw a histogram and a frequency curve. 2+2
- (b) Compute mean and median. 2+2
- (c) Calculate the standard deviation from the given distribution. 5
- (d) Find out the percentage of villages having more than 1400 people. 1
- (e) Interpret the nature of distribution. 1
2. Data for percentage of slums and percentage of literacy for selected states of India, is given in Table (2) :
- (a) Draw a scatter diagram with the line of Best Fit by Least Squares. 3+4+3
- (b) Compute the correlation co-efficient.

Please Turn Over

Table - 2

Sl. No.	State	% of Slums	Literacy (%)
1.	Maharashtra	10.54	84.55
2.	Andhra Pradesh	12.04	75.32
3.	Tamil Nadu	8.04	82.06
4.	West Bengal	7.03	81.38
5.	Madhya Pradesh	7.83	77.25
6.	Uttar Pradesh	3.12	68.98
7.	Karnataka	5.39	75.63
8.	Chattisgarh	7.43	80.36
9.	Rajasthan	3.02	69.79
10.	Delhi	10.63	75.16
Census 2011			

3. Viva voce based on Laboratory Notebook.
