UG/6th Sem/H/22(CBCS)

# U.G. 6th Semester Examinations 2022 SOCIOLOGY (Honours)

### Paper Code : DC 13

Statistics for Sociology

Full Marks : 32

Time : Two Hours

The figures in the margin indicate full marks. Candidates are required to give their answers in their own words as far as practicable.

#### Group-A

Answer any <i>two</i> questions from the following :		10×2=20
1.	Explain in detail the use of statistics in Social Research.	10
2.	What do you mean by Tabulation? Discuss the differences between univariate a Table.	and Bivariate 2+8

3. Discuss briefly on the Mean, Median and Mode as measures of Central Tendency.

10

4. What is Standard Deviation. Compute the Standard Deviation(s) from the following data—

Class Interval	Frequency	
10—14	15	
15—19	18	
20—24	20	
25—29	25	
30—34	14	
35—39	15	
40—44	10	
45—49	8	
50—54	5	
	N = 130	

Round off to the nearest decimal

2 + 8

(1)

## Group-B

### 5. Answer any *three* questions from the following : 4×3=12 (a) Define parameter and statistic. 4 (b) What do you mean by data analysis? 4 (c) Using the following data, perform the following : (i) Calculate the percentage distribution. 4 Frequency Class Interval 11-15 3 16—20 8 21-25 2 26—30 4 N = 17 (d) Briefly discuss the advantages of Mean. 4 (e) Discuss the concept of Coding. 4 (f) What is Range? 4