

2. Write a brief note on Emile Durkheim's views on Social Facts.
3. Discuss Marx's ideas about Historical Materialism.
4. Explain Vilfredo Pareto's views on The Circulation of Elites.

Answer any **four** of the following questions :
5 × 4

5. What, role did Industrial Revolution play in the development of sociological theory ?
6. What for Emile Durkheim, are the different types of Suicide ?
7. What, according to Max Weber is Ideal Type ?

8. What for Marx is social change ?
9. Distinguish between governing elites and non-governing elites.
10. What does Pareto mean by logical and non-logical action ?

[Internal Assessment — 10 Marks]

M.A. 1st Semester Examination, 2023

SOCIOLOGY

PAPER — SOC-104

Full Marks : 50

Time : 2 hours

The figures in the right hand margin indicate marks

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

Answer any **two** questions : 10×2

1. Discuss the place of Statistics in Research Process. Construct a grouped Frequency Distribution from the data given below : 4 + 6

1	12	15	25	100
35	43	57	64	87
78	55	43	13	36
74	82	99	34	3
4	66	65	43	39

2. Find out the Mean Deviation and Standard Deviation from the data given below : 5 + 5

Class Interval	20-29	30-39	40-49	50-59	60-69	70-79	80-89
Frequency	7	13	19	14	11	8	4

3. Percentage the following table down, across, and on the total Interpret the data for each of the ways you have percentaged. 6 + 4

Size of work group

Group cohesion	3-6	7-10	11-14
High	52	70	28
Moderate	22	75	12
Low	13	60	40

4. What are the conditions for using chi square (χ^2) test ? From the data given below assess the difference in opinion of parents regarding dowry system. Test the hypothesis at 0.05 significance level.

2 + 8

Respondents	Yes	No
Literate parents	4	31
Illiterate parents	40	10

Answer any **four** of the following questions :

5 × 4

5. Define Descriptive and Inferential Statistics.
6. In a community, there are 56 males and 71 females. Among them, 49 males are graduate and 65 females are graduate. Calculate the proportion of male and female graduates. Also, calculate the percentages of male and female graduates.

7. Construct an Ogive from the data given below :

Class Interval	10-19	20-29	30-39	40-49	50-59	60-69	70-79
Frequency	9	13	7	22	13	11	4

8. Find out the Quartile Deviation from the following data :

Class Interval	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-91
Frequency	7	14	5	8	4	12	9	3	8

9. Find out the correlation using Spearman's Rho from the following data :

X : 40 80 75 65 75 59 75 59

Y : 12 14 14 16 15 14 16 17

10. What are the conditions of using Z-test and t -Test ?

[Internal Assessment — 10 Marks]
