

2023

PSYCHOLOGY — HONOURS

Paper : CC-2

(Statistical Methods for Psychological Research - 1)

Full Marks : 50

*The figures in the margin indicate full marks.**Candidates are required to give their answers in their own words as far as practicable.*1. Attempt **any two** of the following :

5×2

- (a) The Frequency Polygon
- (b) Types of Correlation
- (c) Scales of Measurement
- (d) Descriptive Statistics.

2. Answer **any one** of the following :

(a) What is Central Tendency? Write its different measures with formulae and their explanations.

4+6

(b) What do you mean by the term Correlation? Briefly discuss about Spearman's Rank Order Correlation co-efficient.

3+7

(c) Applying any suitable method compute the median of the following data :

10

Class Intervals :	50-54	55-59	60-64	65-69	70-74
Frequencies :	3	7	15	7	3

3. Answer **any two** of the following :

(a) Elucidate the nature and properties of Normal Probability Distribution.

15

(b) Write the assumptions of Pearson's Co-efficient of correlation. Assuming normality of distribution, calculate 'r' using the following two sets of scores.

7+8

X	36	42	52	32	30	34	27
Y	25	31	37	22	20	24	18

(c) Discuss the relevance of statistics in psychological research.

15

(d) What do you understand by random sampling? Discuss the different methods of drawing random sampling.

3+12