3 copies (both side)

2018

PSYCHOLOGY – HONOURS

Paper : CC-2

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) Cumulative frequency distribution

   (b) Kurtosis

   (c) Random sampling

   (d) What do you mean by correlation? Is it causation?

2. Answer *any one* of the following : 10×1

   (a) Define mean, median and mode. Discuss the properties and uses of variance and SD as measures of variability.

   (b) What do you mean by the term statistics? Describe the relevance of statistics in psychological research.

   (c) Assuming normality of distribution compute coefficient of correlation for the given data :

   X – 50, 80, 42, 10, 18, 55, 28, 70, 62, 35

   Y – 40, 20, 85, 30, 27, 90, 13, 22, 70, 27

3. Answer *any two* of the following : 15×2

   (a) Write in detail the scales of measurement specifying their advantages and disadvantages.

   (b) What is Standard Score? Write the properties of Z scores. Compare Z score and percentile rank.

   (c) What are the differences between Frequency Polygon and Histogram? Draw a Frequency Polygon of the given data taking '10' as class interval.

20	30	57	92	43	61	76	81
29	32	54	89	47	58	73	70
31	34	55	74	52	64	52	59
54	68	76	71	58	63	56	65
50	56	62	75	28	33	38	44

Please Turn Over

(d) (i) Explain Variability. Write down the differences among standard deviation, variance and semiquartile range.

(ii) Calculate SD of the following data :

Class interval	f
50-54	3
45-49	3
40-44	4
35-39	13
30-34	8
25-29	5
20-24	4
	N = 40