2020

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. Write short notes on (*any two*) :   5×2

   (a) The frequency polygon

   (b) Kurtosis

   (c) Scales of measurement

   (d) Standard deviation.

2. Answer *any one* of the following :

   (a) Discuss the relevance of statistics in psychological research.   10

   (b) What is central tendency? Write its different measures with formulae and their explanations. 4+6

   (c) What do you mean by the term correlation? Briefly discuss about Spearman's Rank-Order Correlation Coefficient.   3+7

3. Answer *any two* of the following :

   (a) What is random sampling? Write in brief about the characteristics of random sampling.   15

   (b) Compute mean and standard deviation of the following data :   7+8

Class Interval	30–34	35–39	40–44	45–49	50–54
Frequency	2	4	12	8	4

   (c) Elucidate the nature and properties of normal probability distribution.   15

   (d) Write the assumptions of Pearson's Coefficient 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

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