U. G. 6th Semester Examination 2022

EDUCATION (Honours)

Paper Code : DC-9

[CBCS]

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.

1. Answer any *four* from the following questions.   2×4=8

   (a) Write two differences between quantitative and qualitative variables.

   (b) Write two differences between histogram and frequency polygon.

   (c) State two uses of mean.

   (d) Define positive and negative skewness.

   (e) In a normal distribution, what percentage of frequencies are (i) between –1 sigma to +1 sigma (ii) between –3 sigma to +3 sigma.

   (f) Define mesokurtic distribution.

2. Answer any *four* from the following questions.   4×4=16

   (a) Write a note on application of SD.

   (b) Write a note on derived scores.

   (c) Compute the PR of a score 51.5 from the following distribution.

CI	10-19	20-29	30-39	40-49	50-59	60-69	70-79
F	2	5	10	16	15	9	3

   (d) Explain the scope of educational statistics.

   (e) Explain the importance of graphical representation of data.

   (f) Write about the uses of Stanine scores in educational research.

3. Answer any ***one*** from the following questions.   8×1=8

  (a) Calculate the co-efficient of correlation from given sets of scores by using Spearman method and interpret the result.

Pupils	A	B	C	D	E	F	G	H	I	J
Scores in test-1	20	22	28	30	32	34	36	40	42	46
Scores in test-2	30	40	32	36	41	49	50	53	54	55

  (b) Arrange the following ungrouped data into grouped data with the help of class interval 5 and find out the median from it.

43, 67, 53, 18, 25, 71, 68, 45, 46, 47, 28, 61, 15, 34, 48, 26, 48, 61, 54, 79, 66, 79, 43, 57, 62, 22, 17, 19, 34, 28, 73, 61, 55, 31, 45, 47, 53, 59, 39, 42.

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