2023

EDUCATION (Honours)

Paper Code : EDCH DC-9

(Statistics in Education)

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* of the following questions :   2×4=8

   (a) Define the term 'variable'.

   (b) Write four uses of Statistics in Education.

   (c) Write two basic characteristics of ungrouped data.

   (d) Define positive skewness with appropriate diagram.

   (e) Write the meaning of coefficient of correlation.

   (f) Write two merits of graphical representation of data.

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

   (a) Write the sources of educational data with appropriate examples.

P.T.O.

(b) Write the characteristics and uses of Stannine score.

(c) Explain the features of 'Ogive'.

(d) Write uses and limitations of the measures of central tendency.

(e) Compute the Percentile Rank of a score 49.5 from the following distribution :

Class	79-70	69-60	59-50	49-40	39-30	29-20	19-10	
f	3	9	15	16	10	5	2	N=60

(f) Write properties of NPC.

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

(a) Find out the SD of the following scores :

score	15-19	20-24	25-29	30-34	35-39	40-45	46-49	50-54
f	2	4	5	8	10	9	8	4

(b) Compute coefficient of correlation of the following sets of score by Spearman Method and interpret result.

Pupils	A	B	C	D	E	F	G	H	I	J
Score of Test-I	10	15	11	14	16	20	10	8	7	9
Score of Test-II	16	16	24	18	22	24	14	10	12	14

6+2

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