

Statistics

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Subject - Psychology

Topic -

Correlation -

Day -

Friday

Date -

21/01/2022

Period -

3rd

Contact No -

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निम्नलिखित आँकड़ों से सहस्रता गुणांक ज्ञात करें।

वर्ष	X	Y	R _x	R _y	d	d ²
A	10	30	10	10	0	0
B	12	32	8.5	8.5	0	0
C	13	32	7	8.5	-1.5	2.25
A	12	39	8.5	7	1.5	2.25
E	14	41	6	4.5	1.5	2.25
F	15	41	5	4.5	0.5	0.25
G	16	40	4	6	-2	4
H	17	43	3	3	0	0
I	18	43	1.5	2	-0.5	0.25
J	18	44	1.5	1	0.5	0.25
					$\Sigma d = 0$	$\Sigma d^2 = 11.50$

$$r = 1 - \frac{6 \Sigma d^2}{n(n^2 - 1)}$$

$$= 1 - \frac{6 \times 11.50}{10(100 - 1)}$$

$$= 1 - \frac{69}{990}$$

B. A. Part One

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$$= 1 - \frac{.69.00}{990}$$

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$$= \frac{990 - 69}{990}$$

$$= 1 - .069$$

$$= .931 \text{ or}$$

$$.93 \text{ A-Q}$$

किसी के लिए यह कि 324 की रीति

के अनुसार है

