## 19 OCT 2019

Code: <u>21524</u>

## B. Com. (Sem. – V) Examination

Time: 2 ½	∕₂ Hours]	Business	Statis	stics -	- 1	[Total Marks:	70
Que. 1 (A)	What is Correlation? Ex Correlation Coefficient a						1.
Que. 1 (A1)	For two variables sum coefficient is 0.8. Find nu			ice of r	ank is :	33 and rank concelation	6
(A2)	X         28         40           Y         30         33	n the followin 40 38 31 34		nation. 33 26	46 28	32     36     32       31     26     31	8
Que. 1 (B) 1	<u> </u>	coefficient li	(c) -1 t	o 1 (d		e of the above	1
2	Covariance of two relate and 33 respectively, ther	Karl-Pearsor	n's Corre	lation c	oefficie		1
3	If $b_{yx} = 0.125$ and $b_{xy} = $ (a) 0.5	= 2 then, $r =   (b)   -0.5   (c)  $		(d) 1	None of	the above	1
4	Two regression lines intersect at point. 1 (a) $(\bar{x}, \bar{y})$ (b) $(x, y)$ (c) $(0, 0)$ (d) None of the above						
Que. 2 (A)	What is association of a example. Explain metho association of attributes.						
Que. 2 (A1)	Finding information on the expensiveness of 2000 individuals and their eldest sons, it is found that there were a total of 800 fathers having wasteful nature and 600 eldest sons having wasteful nature. The number of those whose father nature is of wasteful nature while son doesn't was 300. From this information find out the coefficient of association of attributes.						
(A2) Que. 2 (B)	(1) (A) = 200, (AB) = (2) N = 240, (A) = 120	125, (B) = 25 0, (B) = 100, (	0, N = 60	00	ot		6
1	There is a association of attributes between cholera vaccine and cholera 1 victimization.						1
→ <sup>2</sup>	(a)   Positive   (b)   Negative   (c)   Absence   (d)   None   (B) = 40, (B) = 70, N = 100, (AB) = 30, (Aβ) = ?  (a)   40   (b)   30   (c)   20   (d)   10						
3	Which of the following does not shows value of association of attributes.  (a) 0.87 (b) 0 (c) 1.02 (d) -0.34						
4	In 2×2 Contingency tabl data.  (a) Consistence	e one value		negati		there is in	1
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