LGS GROUP OF COLLEGES A PROJECT OF LAHORE GRAMMAR SCHOOL

	A PROJECT OF LAHORE GRAMMAR SCHOOL						
Name: SA	MAI	ra Bash	ir Class: X				
Subject:	at le	slies "	Test No.				
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		0		1.			
		Oub	eclive	Hype			
	A	luestic	n no 2:				
	-"	,	•	14695111	• 7,		
	Attribute:						
	A characteristic that cannot be expressed						
	numerically is called attribute or						
	qualitative variable. An attribute is						
	also called as categorical variable.						
			rample: → 6	ye colour of	students, etc		
	J .		(ii)				
	In	depend	lant Att	ubute:			
		Two	attributes	'A' and 'B			
	to be independent, if there is no						
		Sel	lationship of	any lind.			
	1	92	cample: (A	B) = (A)(B)			
			(1)	n			





Solution:

$$(A) + (\infty) = n$$

Therefore
$$\alpha = n - A$$
,

Solution:

$$(AB) \neq (A)(B)$$

Hence attributes are associated.

Question 103:

> Expected frequency:

attribute	Attached	Note	Total
inoculated	528 (480.14)	25 (92.86)	553
Not innoculated	790 (837.86)	175127.14)	965
Tota 1	1318 .	260	1518

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f.	fe	1 for - fe	(fo-fe)2
	Walter of		Fe
528	480.44	47.86	4.77
790	837.86	-47.86	2.733
25	72.86	- 47.86	31.44
175	127.14	47.86	18.616

2=56.959

-> Nuel Hypothesis
Ho = There is no association

+ Alternat Hypothesis

H, = There is association

-> level of significance

4= 0.05

1- 6.05 =0.95



