LGS CDOWN OF COLUMN	Sheet #
LGS GROUP OF COLLEGE APROJECT OF LAHORE GRAMMAR SCHOOL	
LGS GROUP OF COLLEGE APROJECT OF LAHORE GRAMMAR SCHOOL Name: M. Mujtaba Amtia2 Class: 12th Rol	IN
Subject: Test No. Dat	
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	$ \mathcal{S} $
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3/62:-	4
91	
y=1x, when x changes from	4 6
4.41.	
As (x) chamaes from 4 To 4.41, 8	0,
As (x) changes from 4 to 4.41, 8. $y + \delta y = \sqrt{x + \delta x}$	
30, $x = 4$ and $8x = 4.41 - 4 = 0.41$	41
$y + Sy = \sqrt{4 + 0 \cdot 41}$	
$\delta y = \sqrt{4 + 0.41} - \sqrt{\chi} \qquad \therefore y = \sqrt{\chi}$	Z Z
$\delta y = \sqrt{4 + 0.41} - \sqrt{\chi} \qquad \therefore y = \sqrt{\chi}$ $\delta y = \sqrt{4.41} - \sqrt{4}$	
$\delta y = 2.1 - 2$	
Sy = 0-1	9
$\delta y = 0.1$	
{n}	
$xy - \ln x = c$	
dill on 1/1	
$\frac{diff on b/s}{d(xy) - d(\ln x) = d(c)}$	
$xdy + ydx - \int dx = 0$	
tag gar	
Multiplying ex? on b/s	
32 dy + xy dx - dx = 0	
$t^2 dy = dx - xy dx$	
$\alpha^2 dy = dx (1-xy)$	
dy = 1 - xy	
$dt \frac{1}{x^2}$	

