

B)	Using LU decomposition method solve the equations $3x + y + z = 4, x + 2y + 2z = 3, 2x + y + 3z = 4$	CO4	06
C)	Using Gauss Seidel method to solve equations $27x + 6y - z = 85, x + y + 54z = 110, 6x + 15y + 2z = 72$	CO4	06
Q. 5 Solve Any Two of the following.			
A)	Explain lsqcurvefit function with example.	CO3	06
B)	Find $y(2.2)$ using Euler's method from the equation $\frac{dy}{dx} = -xy^2$ with $y(2) = 1$	CO3	06
C)	Using Runge -Kutta second order method, find approximate value of y when $x = 1.1$, given $\frac{dy}{dx} = 3x + y^2$ and $y = 1.2$ when $x = 1$	CO3	06
*** End ***			

The grid and the borders of the table will be hidden before final printing.