SARDAR VALLABHBHAI PATEL INSTITUTE OF TECHNOLOGY, VASAD.
B. E. Semester IV (CE/IT)

Mid Semester Exam   **Total Marks: 40**

Subject: Numerical and Statistical Methods (NSM)   **Subject Code: 2140706**

Date: __/__/__   **Time:**

Instruction: - All the questions are compulsory to attempt.

Q.1	**(a)**	Roots of equations	**[4]**
	(b)	Interpolation	**[4]**
Q.2	**(a)**	System of linear equations	**[4]**
	(b)	Numerical Integration	**[4]**
		OR	
	(b)	Approximations and Errors	**[4]**
Q.3	**(a)**	Roots of equations	**[4]**
	(b)	Interpolation	**[4]**
	(c)	Numerical solution of Ordinary Differential Equations:	**[4]**
		OR	
Q.3	**(a)**	Numerical Integration	**[4]**
	(b)	Interpolation	**[4]**
	(c)	Curve Fitting	**[4]**
Q.4	**(a)**	System of linear equations	**[4]**
	(b)	Roots of equations	**[4]**
	(c)	Numerical solution of Ordinary Differential Equations:	**[4]**
		OR	
Q.4	**(a)**	Curve Fitting	**[4]**
	(b)	Numerical solution of Ordinary Differential Equations:	**[4]**
	(c)	Roots of equations	**[4]**

-------- *ALL THE BEST* --------