1	Fi	rstRa	nke	r.c	com										~					- ,				
	E B	stranker's	choice E	1 -) E	æ	0.2		w.Firs	tRa	nke	r.cor	n	w	ww.F	irst O	Rar	ker.con	1				
*** End ***	Compute one root of $x \sin x + \cos x = 0$ correct to four decimal places by Newton Raphson method.	6x + 2y + 2z $-3x + 4y + z$ Solve by naïve Gauss elimination with particle of computations.	Given the system	+		places by Newton F	A body travels uniformly a distance of (0.3)sec. Compute the velocity with error in velocity?	+		6. The root of the equation $e^{-x} - \sin x = 0$ lies between A. $(-1,0)$ B. $(0,1)$ C. $(1,2)$ D. none of these	5. For $x + 2y = 10$, $1.05x + 2y = 10.4$. Calculate value of x.	 Write sum of 124 and 0.751 with regard to significant figures 	1	 Well conditioned systems are those where small changes in coefficients results in changes in solution. 	The number of significant digits in 0.0800 are	Round off the numbers 86767 to four significant digits	Do as directed.		Instructions: 1. All question are compulsory. 2. Use of nonprogrammable calculator is allowed. 3. Figures to right indicate full marks.	Max Marks: 20 Date:- Duration:- 1 Hr	Subject Name: NMME Subject Co	Course: S.Y. B. Tech. Sem	Mid Semester Examination - March 2018	DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE
	Apply/CO2		Apply/CO2		Apply/COZ	Apply/CO2	Apply/CO1			Understand/CO2	Apply/CO2	Understand/CO1		Understand/CO2	Understand/CO1	Understand/CO1		(Level/CO)		Hr.	Subject Code: BTMEC404	Sem: III		Y, LONERE
				œ				6	wv	w.Firs	tRa	nke	r.cor	n			6	Marks						

SE-Mech

