



## **Internal Assessment Test - I**

Sub:	Control Systems Code:							18EE61		51			
Date:	25.04.2023 8.30 – 10AM	Duration:	90 mins	Max Marks:	50	Sem:	VI	Branch	:		EEE	EEE	
Answer Any FIVE FULL Questions													
									Marks		OBE		
	With the help of block diagram, define Open Loop and Closed Loop control systems. Write two							1710	IKS	CO	RBT		
1	Any physic correct the  It is not a fell toperates  Example: Was control.  2. Closed-Lourent determinant.  Reference input determinant.  Peedback of the solution of the solut	Control System variation in eedback sy on a time I shing mach control signal Control system control system that representation between nput by control system in the control sys	ystems:  ting Controproc (pla  which don its out  stem casis  nine, El  System  Actuating signal  dback path elements  em.  maintair in the comparing	Controlled variable (output)  does not a put.  lectric Toal  sput.  Plant Output  as a put output  ng them	aster,	natically Traffic cribed the	/	ite two		2 2 2	CO CO1	RBT L1	
	Example: Tra	iffic control	, Room	heating s	syste	m.				1			
2	For the mechanical sys	tem shown in Fig	g determine	the transfer fur	nction X	ζ(s)/F(s)					CO1	L3	











