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*** End ***	With neat sketch explain the construction of TTT diagram for eutectoid steel	on it	Draw a post eletch of ForC soullibrium disgram and explain different phases	Solve Any One of the following.	What is miller indices ?explain it with example	In what way Hume - Rothery's rule decides regarding solid solubility?	changes occurs at that temperature?	What are different critical temperatures on Fe-C equilibrium diagram and what	Solve Any Two of the following.	What is significance of degree of freedom in Gibb's phase rule?	What is phase?	compressive loaded application?	In what conditions brittle materials show better performance in tensile or	In actual application which stress true or engineering stress should be considered?	formability?	Which crystal structure material BCC or FCC shows more ductility for easy	What is the co-ordination number of FCC structure?	Choose the correct engrer. Answer the following.		Instructions to the Students:  1. Draw neat sketch wherever necessary  2. Assume suitable data if required  3. Figures to right indicates full marks	Date: 04/10/2013 Duration: 1 Hr.	Subject Name: : MSM Subject Code: BT-MEC302 Max Marks:20	Course: S.Y. B. Tech inMechanical Engineering Sem: III	Mid Semester Examination - Oct. 2019	MGM's, Jawaharlal Nehru Engineering College, Aurangabad	
	L4,L3 CO3	E1,20 CO0	1113603		L1,L2 C01	L1,L3 C03		L1,L4 C03		L1,L2 C03	L1 C03	C02	L2,L3	L1,L3 C02	C01,C02	L1,L2	L1 C01		(Level/CO)		1 Hr.	rks:20				
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