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With neat sketch explain the construction of TTT diagram for eutectoid steel *** End ***	Draw a neat sketch of Fe-C equilibrium diagram and explain different phases on it	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 enswer. Answer the Lollanding.		 Instructions to the Students: Draw neat sketch wherever necessary Assume suitable data if required Figures to right indicates full marks 	Date: 04/10/2013 Duration:	Subject Name: : MSM Subject Code: BT-MEC302 Max Marl	Course: S.Y. B. Tech inMechanical Engineering_ Sem: III	Mid Semester Examination – Oct. 2019	MGM's, Jawaharlal Nehru Engineering College, Aurangabad	DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LO
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