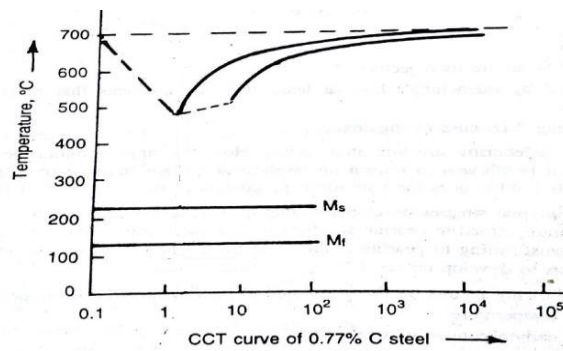


Q1 :- (a) Use Figure 1 to calculate the cooling rate to avoid pearlitic transformation in 0.77% C steel.



Q2 :- Discuss briefly: (a) Normalizing results in more uniform structure than annealing (b) Each steel has its own "TTT" diagram (c) Higher austenitizing temperatures used for alloy steels than carbon steels for homogenization of them

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