



SNS COLLEGE OF TECHNOLOGY

(An Autonomous Institution)
COIMBATORE-641 035, TAMIL NADU



DEPARTMENT OF MECHANICAL ENGINEERING QUESTION BANK

Academic Year : **2024-2025 (Odd)** Semester : **III**

Year & Branch : **II MECH B** Course : **23MET203 & Engineering Materials & Metallurgy**

Faculty i/c : **Dr. G. Yuvaraj**

UNIT 3 - HEAT TREATMENT

PART -B

- 1) What is Hardening? Discuss in detail on different hardening methods and mechanism. Compare hardening and annealing.
- 2) Write a short note on
 - (i) Carburising (ii) Nitriding (iii) Flame hardening (iv) Cyaniding
- 3) What is CCR? Write difference between Normalizing and Tempering