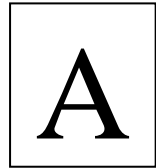




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SNS College of Technology, Coimbatore-35.
(Autonomous)
B.E/B.Tech- Internal Assessment -II
Academic Year 2023 – 2024 (Odd)
Seventh Semester
Automobile Engineering
19AUZ405 – LEAN MANUFACTURING

Time: 1^{1/2} Hours

Maximum Marks: 50

Answer All Questions

PART - A (5 x 2 = 10 Marks)

			CO	Blooms
1	List the pillars of TPM.		CO2	Rem
2	What is mean by kanban?		CO2	Rem
3	What is mean by set up time reduction?		CO3	Rem
4	Define value stream mapping?		CO3	Rem
5	Differentiate between push based and pull based system.		CO3	Rem
PART – B (40 Marks)				
6	(a) Enumerate the key aspects of implementing TP	13	CO2	Ana
(or)				
	(b) Explain the various steps involved in the production flow analysis.	13	CO2	App
7	(a) Discuss the objectives of value stream mapping in details.	13	CO3	Ana
(or)				
	(b) Explain the key steps for reducing the setup times.	13	CO3	App
8.	(a) Explain the six rules of kanban.	14	CO2	Ana
(or)				
	(b) Elaborate the implementation of TQM in manufacturing sector.	14	CO3	Ana
Rem – Remembering, Und – Understanding, App – Apply, Ana – Analyzing, Eva – Evaluating, Cre - Creating				