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| ADMISSION NUMBER | | | | | | | | | | | |
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School of Business
Bachelor of Business Administration
Mid Term Examination - Mar 2024

Duration : 90 Minutes
Max Marks : 50

Sem VI - D1UA612T - Lean Manufacturing and Six Sigma

General Instructions

Answer to the specific question asked

Draw neat, labelled diagrams wherever necessary

Approved data hand books are allowed subject to verification by the Invigilator

- 1) In what ways could you apply mistake-proofing techniques (Poka-yoke) to prevent errors and defects in processes? K4 (4)
- 2) Explain how you would apply visual management tools to make waste visible and facilitate ongoing waste reduction efforts. K5 (5)
- 3) Provide examples of how you would apply standardized work procedures to eliminate variation and reduce waste in manufacturing processes. K5 (5)
- 4) How would you apply the principles of lean management to streamline processes in a manufacturing environment? K3 (6)
- 5) Explain the concept of workload leveling and how it relates to reducing Mura and Muri. K4 (8)
- 6) Describe the role of leadership in championing TPM initiatives and sustaining continuous improvement efforts over the long term. K5 (10)
- 7) Analyze the application of root cause analysis (RCA) within a lean manufacturing context to identify and resolve underlying problems? K6 (12)