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School of University Polytechnic

Diploma in Mechanical Engineering

Mid Term Examination - Nov 2023

Duration : 90 Minutes

Max Marks : 50

Sem III - N1DL303C - Manufacturing ProcessGeneral 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) Explain about press forging. K2 (2)
- 2) What is press working ? K1 (3)
- 3) Explain about direct extrusion process. K2 (4)
- 4) Explain about trimming and punching. K2 (6)
- 5) Identify production of metal powders. K3 (6)
- 6) Identify rolling process. K3 (9)
- 7) Compare tube drawing and wire drawing. K4 (8)

- 8) Analyze Plasma Arc Machining (PAM). K4 (12)

OR

- Analyze Electron Beam Machining (EBM). K4 (12)