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**School of University Polytechnic**

Diploma in Civil Engineering  
Mid Term Examination - May 2024

Duration : 90 Minutes  
Max Marks : 50

**Sem II - N1DL101C - Workshop Practice**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) Explain shaping process. K2 (2)
- 2) Define core. K1 (3)
- 3) Explain the purpose of grinder. K2 (4)
- 4) Explain the principle of arc welding. K2 (6)
- 5) Construct tri square. K3 (6)
- 6) Identify various pattern. K3 (9)
- 7) Analyse various gases used in gas welding. K4 (8)
  
- 8) Analyse function of riser in moulding. K4 (12)

**OR**

Classify various types of welding and explain MIG welding K4 (12)