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**School of University Polytechnic**

Diploma in Civil Engineering  
Mid Term Examination - May 2024

Duration : 90 Minutes

Max Marks : 50

**Sem IV - N1DB401T - Estimation and Costing***General Instructions*

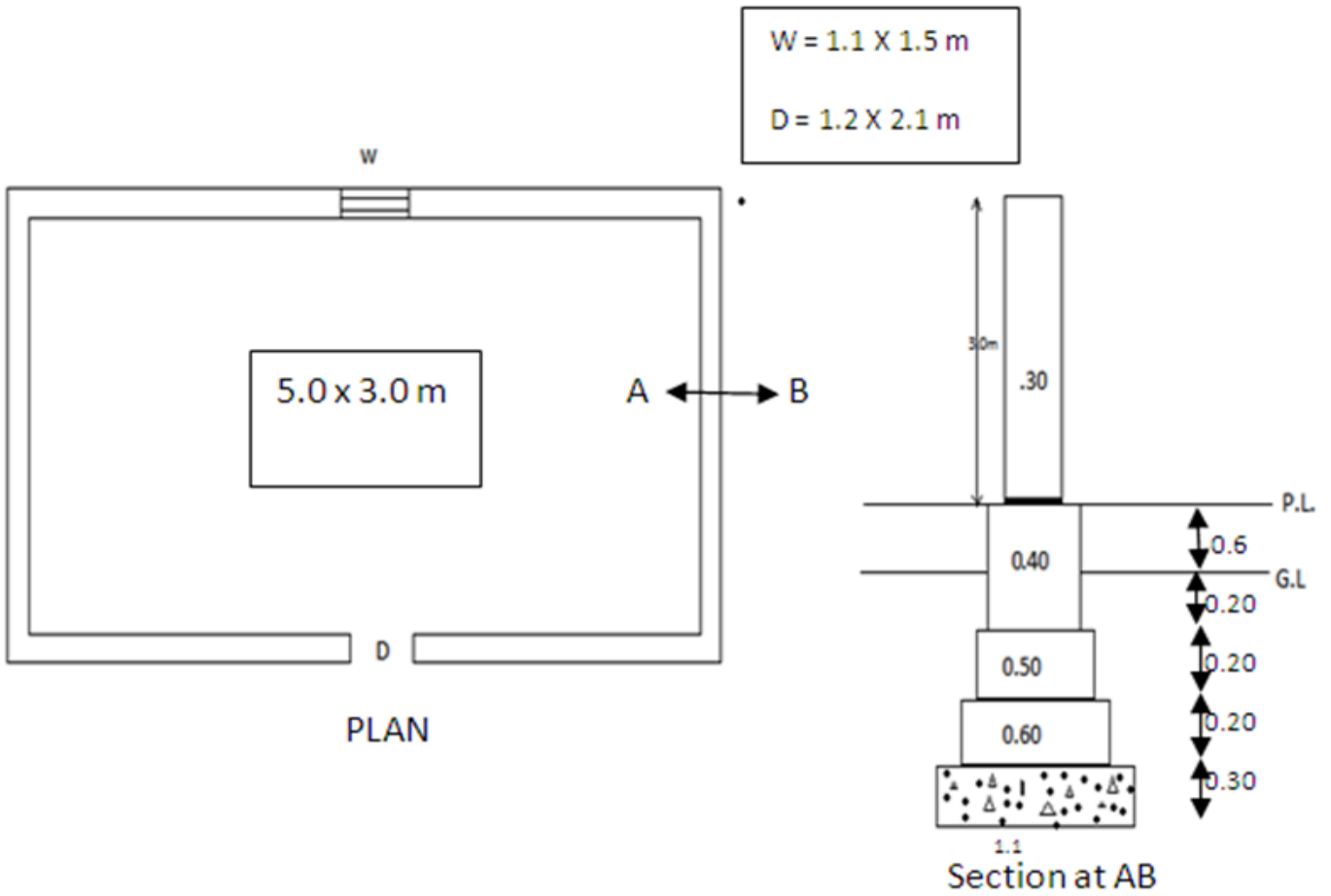
*Answer to the specific question asked*

*Draw neat, labelled diagrams wherever necessary*

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

- 1) Explain contractor's profit. K2 (2)
- 2) Name the units of measurements of following subheads:- i. Concrete K1 (3)  
ii. Brickwork iii. Earthwork
- 3) Explain the units: 1. Plastering 2. Skirting 3. roof flooring 4. DPC K2 (4)
- 4) Explain the data required for estimation. K2 (6)
- 5) write the key comparison in center line and long wall short wall. K3 (6)
- 6) Illustrate the term: Center Line Method K3 (9)
- 7) Break down the first class bricks required for 10m<sup>3</sup> of brickwork. K4 (8)

- 8) Point out the quantity of following items from the given drawing using center line method
- a) Earthwork in excavation in foundation
  - b) Concrete in foundation
  - c) Brickwork in foundation



OR

- Focus on the volume of items of work using any method
- a) Brickwork in foundation
  - b) Brickwork in superstructure

K4 (12)

