END TERM 3 2026

GRADE 10

BUILDING CONSTRUCTION

TIME: 2 HOURS 30 MINUTES

Name: _____

Assessment Number: _____

Class / Stream: _____

Date: _____

INSTRUCTIONS TO CANDIDATES

1. Write your name, assessment number, class/stream and date in the spaces provided.
2. Answer ALL questions.
3. Read each question carefully and use appropriate technical terminology.
4. Show all working and calculations where required.
5. Draw neat, well-proportioned diagrams where required and label them clearly.
6. Use appropriate units and dimensions.
7. Observe all relevant construction and workshop safety requirements when describing procedures.
8. The paper contains structured-response questions only.

EXAMINER'S USE ONLY

Section	Questions	Maximum Score	Score
A	1–5	25	
B	6–9	25	
C	10–12	30	
TOTAL		80	

SECTION A — FOUNDATION AND RELATED DRAWING

1. State four functions of a building in day-to-day life. **(4 marks)**

2. Site preparation is carried out before construction begins. **(5 marks)**

(a) State two factors to consider when selecting a building site. **(2 marks)**

(b) State three methods of disposing of building waste safely. **(3 marks)**

3. Distinguish between isometric drawing and ordinary two-dimensional representation. **(4 marks)**

(a) State two characteristics of an isometric drawing. **(2 marks)**

(b) State two uses of isometric drawing in building construction. **(2 marks)**

4. A contractor is preparing to construct a small building. **(5 marks)**

(a) State three reasons for setting out a building accurately. **(3 marks)**

(b) Name two tools used when setting out a building. **(2 marks)**

5. State five safety precautions that should be observed during site preparation and clearing. **(5 marks)**

SECTION B — BUILDING CONSTRUCTION PROCESSES AND DRAWING

6. The diagram below represents a simplified cross-section of a strip foundation. **(8 marks)**