

446/2 SG  
BUILDING CONSTRUCTION  
Paper 2  
(PROJECT)  
January-July 2026



**THE KENYA NATIONAL EXAMINATIONS COUNCIL**

**Kenya Certificate of Secondary Education**

**BUILDING CONSTRUCTION PROJECT**

**SCORING GUIDE**

**PROJECT: TEST A - BLOCK WORK AND BRICK WORK**

**TEST B - WOODEN WALL AND FLOOR MODEL**

**CANDIDATE'S NAME** \_\_\_\_\_

**INDEX NO.** \_\_\_\_\_

**NAME OF CENTRE** \_\_\_\_\_

**INSTRUCTIONS FOR EXAMINER'S USE ONLY:**

1. General Tolerance  
 $\pm 1.0$  mm on all dimensions.
2. Marking guide
  - (a) Within tolerance - award full mark.
  - (b) Outside tolerance - award no mark.
3. All dimensions are in millimetres unless otherwise stated.

<b>CANDIDATE'S SCORE</b>	
<b>PROJECT MARKED OUT OF</b>	100

**This Scoring Guide consists of 3 printed pages.**

**TEST A: BLOCK WORK AND BRICK WORK**

No.	AREAS TO BE MARKED	MARKS DISTRIBUTION	MAXIMUM SCORE	SCORE AWARDED
1.	<b>Interpretation:</b>	2	2	
2.	<b>Bonding:</b>  Block work Stone work	2  2	2  2	
3.	<b>Dimensions</b>  615, 800, 500, 415, 315, 960 20, 15 plaster, 25 screed 720	10 x ½	5	
4.	<b>Levelness</b>  - Top of walls - Plinth (bricks) - Clay tiles	2 x 1 1 1	2 1 1	
5.	<b>Squareness</b>  - Brickwork 2 places - Block work 2 places - Stone work 2 places	2 x 1 2 x 1 2 x 1	2 2 2	
6.	<b>Plumbness</b>  - Clay tiles - 2 tiles - Blockwork and brickwork	2 x ½ Any 6 places (6 x 1)	1  6	
7.	<b>Straightness (by diagonals)</b>  - Brickwork - 2 faces - Blockwork or stone work - 2 faces	2 x 2 x ½ 2 x 2 x ½	2 2	



**TEST B: WOODEN WALL AND FLOOR MODEL**

ITEM NO.	AREAS TO BE MARKED	MARKS DISTRIBUTION	MAXIMUM SCORE	SCORE AWARDED
1.	<b>Interpretation</b>	2	2	
2.	<b>Overall Dimensions</b> - 500 x 2 - 400 x 2 - 500 x 2	2 x 1 2 x 1 2 x 1	2 2 2	
3.	<b>Frame</b> - Squareness - Diagonals	any 4 x 1 2 x 1	4 2	
4.	<b>Joints</b> - Rebates (floor boards) - Notched joint - Butt joint - Through mortise and tenon - Bare faced mortise and tenon	3 x 2 2 x 2 2 x 2 2 x 2 2 x 2	6 4 4 4 4	
5.	<b>Skirting</b> - Squareness - skirting to floor boards - Nailing (fixing) - Chamfering	2 x 1 1 1	2 1 1	
6.	<b>Floor boards</b> - Flatness (by diagonals) - No gaps	2 x 1 2	2 2	
7.	<b>Nailing on floor boards</b> - Staggered	1	1	
8.	<b>Wall lining - plywood</b> - Fixing	1	1	
	<b>TOTAL</b>		<b>46</b>	
	<b>GRAND TOTAL</b>		<b>54 + 46 = 100%</b>	