



**higher education
& training**

Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA

MARKING GUIDELINE

NATIONAL CERTIFICATE

APRIL EXAMINATION

BRICKLAYING AND PLASTERING THEORY N2

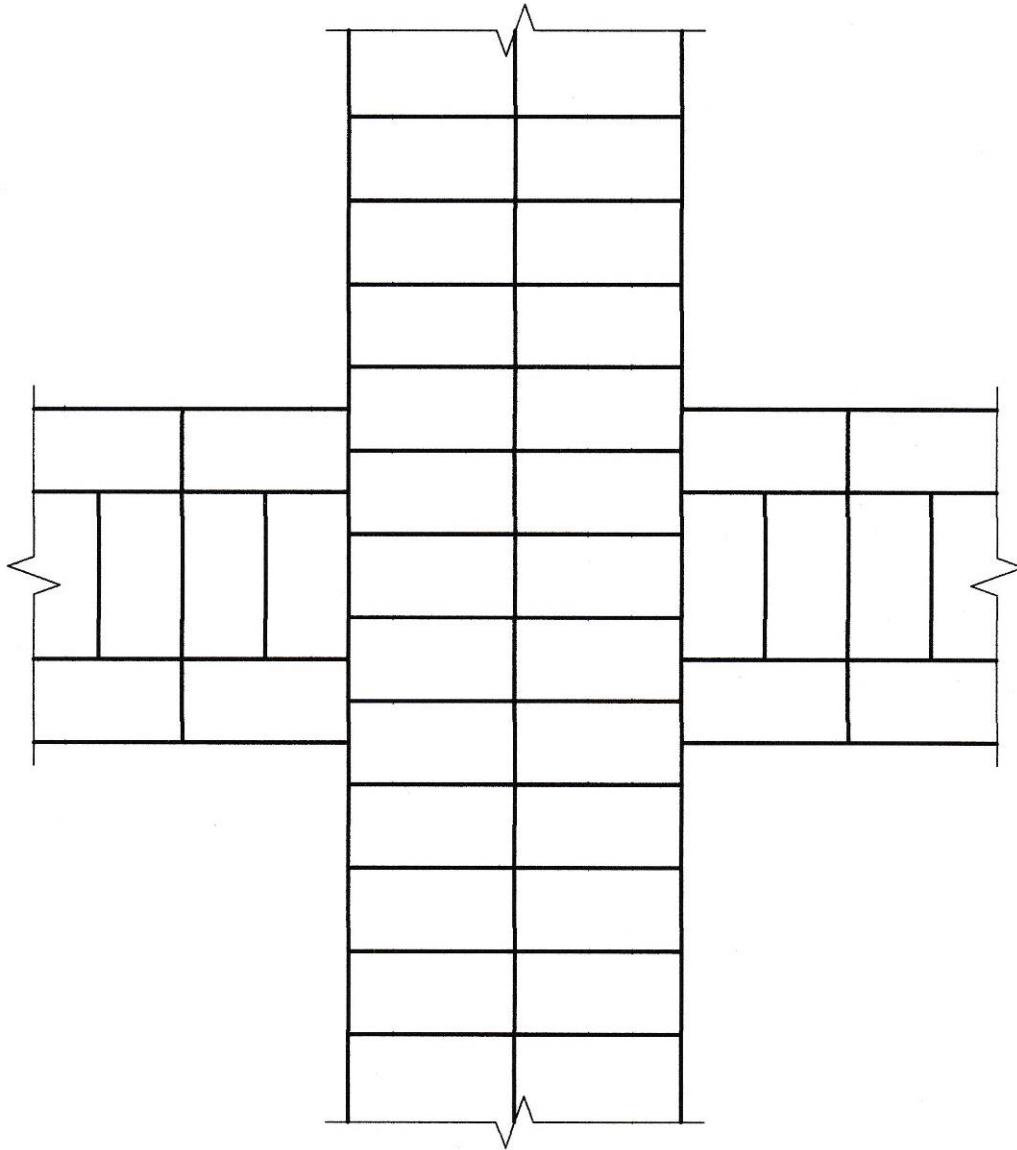
4 APRIL 2016

This marking guideline consists of 7 pages.

QUESTION 1

- 1.1 A coping is the cover ✓ fitted to the tops ✓ of garden walls ✓ and/or brick piers. (3)
- 1.2 1.2.1 The part of the chimney ✓ which risers above the roof ✓ of a house or from the ground.
- 1.2.2 The part of the wall ✓ which forms the back ✓ of a fireplace.
- 1.2.3 The part of a wall facing the room ✓, and containing the chimney flues. ✓
- 1.2.4 The part of a fireplace between the gathering ✓ and the flue. ✓
(4 x 2) (8)
- [11]**

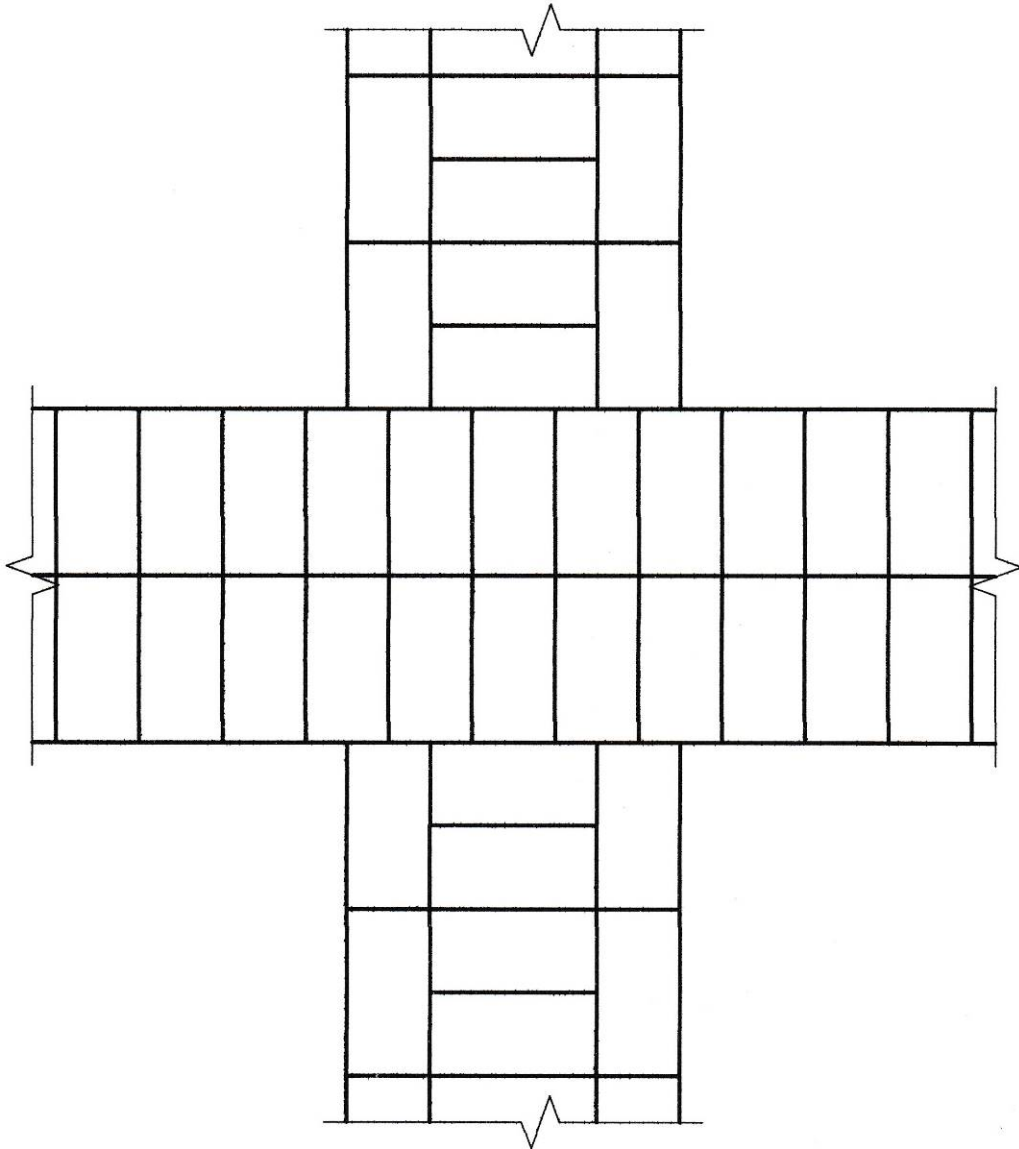
QUESTION 2



COURSE 1

Mark Allocation	
Approximate scale	= 2
Correct bond to 2 brick main wall	= 2
Correct bond to 2 brick junction wall	= 2
Correct joining between walls	= 4
	<u>10</u>

BRICKLAYING AND PLASTERING THEORY N2



COURSE 2

Mark Allocation	
Approximate scale	= 2
Correct bond to 2 brick main wall	= 2
Correct bond to 2 brick junction wall	= 2
Correct joining between walls	= <u>4</u>
	<u>10</u>

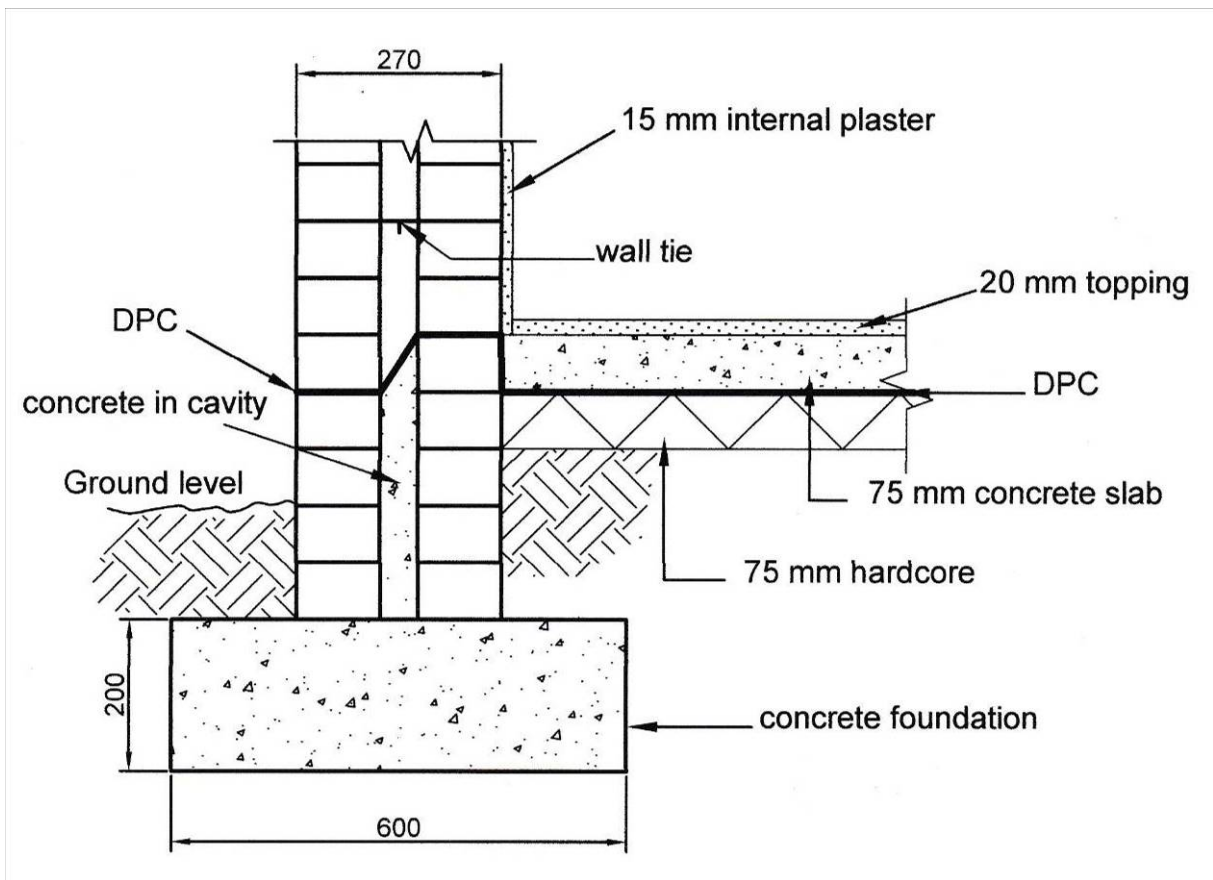
[20]

QUESTION 3

3.1	3.1.1	False		
	3.1.2	False		
	3.1.3	False		
	3.1.4	True		
	3.1.5	True		
	3.1.6	True		
	3.1.7	True		
			(7 x 1)	(7)

3.2	3.2.1	Insulation		
	3.2.2	Heat		
	3.2.3	Sound	(3 x 1)	(3)
				[10]

QUESTION 4



Mark allocation

Concrete foundation ✓	1	
Ground level ✓	1	
Ground level correct height ✓	1	
Damp course to wall ✓	1	
Damp course under floor ✓	1	
Floor slab ✓	1	
Floor slab correct height. ✓	1	
Hard core ✓	1	
Topping ✓	1	
Cavity concrete ✓	1	
Plaster internally ✓	1	
Bottom 8 courses ✓	1	
Wall tie ✓	1	
Hatching to foundation ✓	1	
Hatching to floor slab ✓	1	
Hatching to hardcore ✓	1	
Approximate scale 1:10 ✓	2	
Drawing structurally correct	<u>2</u>	
TOTAL	<u>20</u>	[20]

QUESTION 5

- 5.1 Dig up the area where the pavers are to be laid. ✓
Level ✓ the area by using a straight edge. ✓
Compact ✓ the surface well.
Spread a layer of sand ✓ 20 mm thick over the levelled surface. ✓
Lay bricks to the chosen pattern ✓ by tapping each paver into position using a rubber mallet. ✓
Finish the laying ✓ and sweep sand into the joints. ✓ (10)
- 5.2
- | | | |
|-------|------------------|--|
| 5.2.1 | Guard rail | |
| 5.2.2 | Toe board | |
| 5.2.3 | Working platform | |
| 5.2.4 | Ledger | |
| 5.2.5 | Standard | |
| 5.2.6 | Swivel coupler | |
| 5.2.7 | Band and plate | |
| 5.2.8 | Transome | |
| 5.2.9 | Cross brace | |
- (9 x 1) (9)
[19]

QUESTION 6

6.1	6.1.1	Fix a batten with the top edge of the height of one tile from the floor.		
	6.1.2	Determine the centre line of the wall and draw a plumb line.		
	6.1.3	Nail a batten to one side of the centre line.		
	6.1.4	Use a notched trowel and apply adhesive to the wall.		
	6.1.5	Start laying the tiles by positioning the first tile on the horizontal batten against the vertical batten.		
	6.1.6	Fill the one half with tiles using spacers, maintaining plumb vertical and horizontal joints.		
	6.1.7	Remove the vertical batten and lay the remaining half using spacers.		
	6.1.8	Measure, cut and lay the tiles around the edge.		
	6.1.9	Remove the horizontal batten and lay the bottom row.		
	6.1.10	Remove the spacers.		
	6.1.11	Fill the joints with grout.		
	6.1.12	Remove the excess and clean the tiles with dry cloth.	(12 x 1)	(12)
6.2	6.2.1	Concrete		
	6.2.2	Stone		
	6.2.3	Brick		
		NB: [The answers may be in any sequence or format]		(3)
6.3		<ul style="list-style-type: none"> • Keep any nails in the rules clear of the mould. • Make sure that the rules clearly line with each other. • Protect the finished surfaces at all times. • When not in use, keep it in a safe place. • Check that the screeds are true. 	(5 x 1)	
		NB: [The answers may be in any sequence or format]		(5)
				[20]
			TOTAL:	100