



**higher education
& training**

Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA

MARKING GUIDELINE

NATIONAL CERTIFICATE

BRICKLAYING AND PLASTERING THEORY N2

6 APRIL 2018

This marking guideline consists of 6 pages.

QUESTION 1

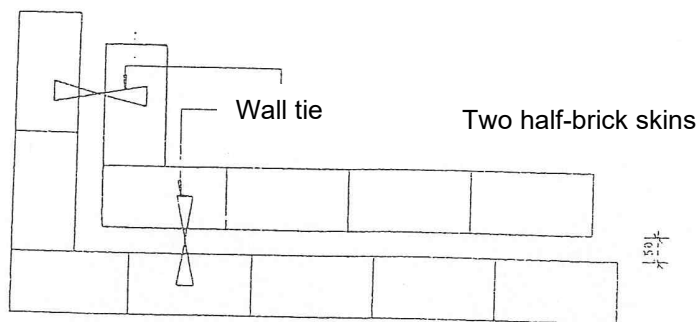
- 1.1 True
- 1.2 True
- 1.3 False
- 1.4 True
- 1.5 False
- 1.6 False
- 1.7 True
- 1.8 True
- 1.9 False
- 1.10 True

(10 × 1) **[10]****QUESTION 2**

2.1 To prevent water from entering the wall from the top (1)

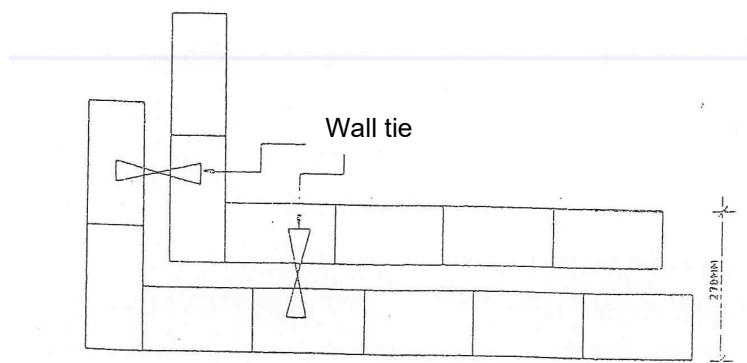
- 2.2
- Brick coping
 - Precast coping
 - Dressed stone coping
 - Tile creasing with brick on edge
- (4)

2.3



Scale: 1
Two bricks: 2
Bond: 3
Shape: 2
Wall tie: 1

FIRST COURSE



Scale:	1
Two bricks:	2
Bond:	3
Shape:	2
Wall tie:	1

SECOND COURSE**ALTERNATE PLAN COURSE OF A CORNER IN A 270 mm CAVITY WALL**

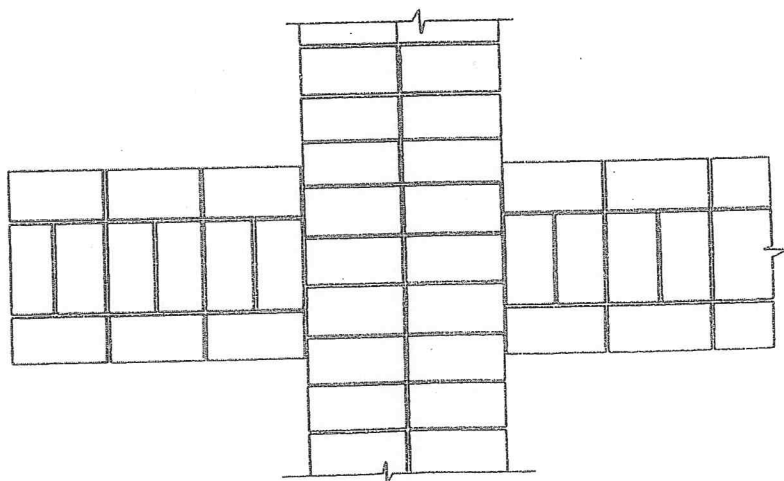
(9 × 2) (18)
[23]

QUESTION 3

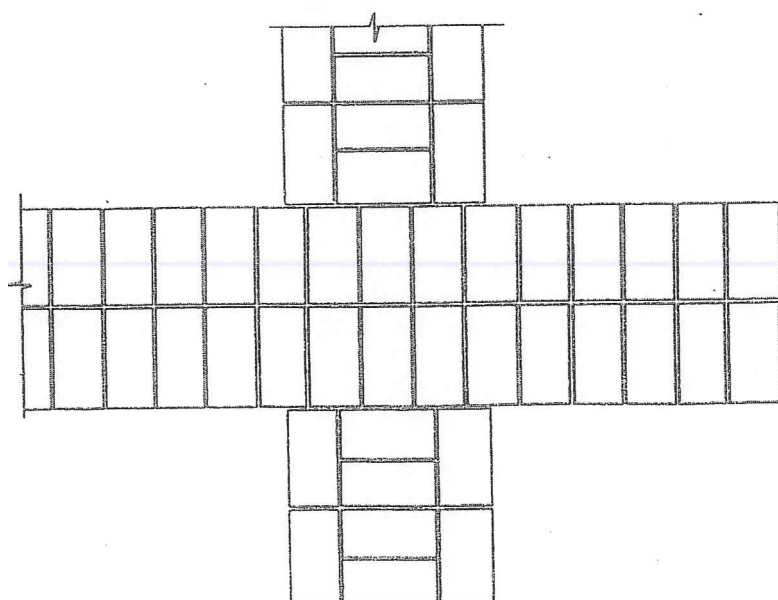
- 3.1
- Ensure that the topping is free of hard projections.
 - Prepare the adhesive.
 - Shoot a chalk line down the centre of the room.
 - Use a serrated-edge trowel to apply adhesive along the chalk line.
 - Use spacers to position the tiles from the centre outwards.
 - Ensure that each tile is bedded solidly using a rubber hammer to tap the tile in position.
 - Complete the laying of the whole tiles to cover the floor.
 - Measure, cut and bed the tiles around the edges.
 - Allow the tile work to dry overnight and remove the spacers.
 - Mix the correct colour grout.
 - Use a squeegee to fill the joints.
 - Use a damp cloth to clean the tile surface.
- (12)
- 3.2
- Select a suitable stepladder.
 - Clear the area of any obstructions and ensure a firm surface.
 - Open the stepladder ensuring that the braces are fully extended.
 - The stepladder is now ready for use.
- (4)
- 3.3
- Pressed-fibre boards
 - Insulating boards
 - Hardboard
- (3)
- 3.4
- 3.4.1 Gathering refers to the upper part of a fireplace✓ that gets smaller as it ascends to the size of the flue.✓
- 3.4.2 Rendering means laying a coat of plaster on brick✓ or stonework or it can refer to the coat of plaster that is laid.✓

- 3.4.3 Flaunching refers to the weathering to the top of a chimney,✓
usually of cement and tiles of slates.✓

(3 × 2)

(6)
[25]**QUESTION 4**

Scale: 2
Two bricks: 2
Correctness: 4
Bonding: 2

ENGLISH BOND

Scale: 2
Two bricks: 2
Correctness: 4
Bonding: 2

ALTERNATE PLAN COURSES

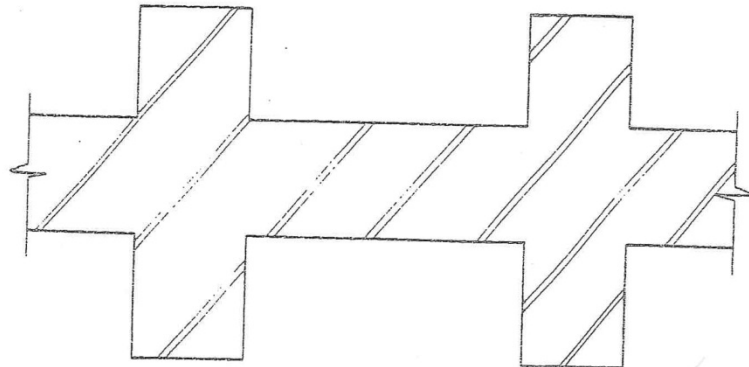
[20]

QUESTION 5

- 5.1 Weep holes are created in a cavity wall to drain moisture from the cavity. (1)
- 5.2 Ruled joints look neat✓ and seal the mortar joints to prevent water from penetrating.✓ (2)
- 5.3
- Serrated-edge trowel
 - Tile-cutting machine
 - Rod saw
 - Tiler's hammer
 - Spring dividers
 - Chalk line
 - Tile nipper
 - Rubber mallet
- (6)
- 5.4 A trestle is a self-supporting stand for supporting boards to make a working platform. (1)
- [10]**

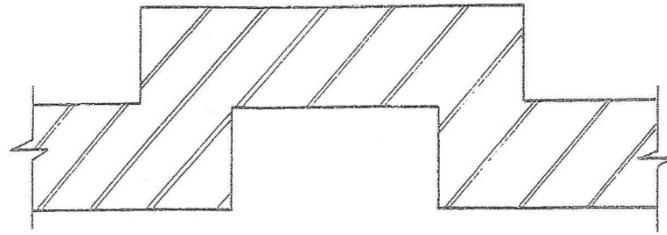
QUESTION 6

- 6.1
- The added water will weaken the surface.
 - Adding extra water will cause crazing, debonding, dusting and scaling.
- (2)
- 6.2 6.2.1

**DOUBLE BREAST OF BACK-TO-BACK**

Correctness: 2
Title 1

6.2.2

**SINGLE-BREAST FIREPLACE**

Correctness: 2
Title 1

(2 × 3)

(6)

- 6.3
- Correct design of throat (100 × 203) and must be perpendicular over fire
 - Horizontal smoke shelf
 - Played sides
 - Fireplace must be deep enough to prevent smoking
- (4)
[12]

TOTAL: 100