higher education & training

Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA

MARKING GUIDELINE

NATIONAL CERTIFICATE

BRICKLAYING AND PLASTERING THEORY N2

5 August 2021

This marking guideline consists of 5 pages.

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QUESTION 1

1.1 B
1.2 D
1.3 A
1.4 B
1.5 B
1.6 A
1.7 B
1.8 D
1.9 C
1.10 A

(10 × 1) **[10]**

QUESTION 2

2.1
2.1.1 False
2.1.2 False
2.1.3 True
2.1.4 True
2.1.5 False
2.1.6 True

(6 × 1) (6)

2.2
- Cubical, rounded, angular, or irregular
- Compressive strength
- Absorptions
- Internal curing
- Thermal conductivity
- Fire resistance
- Low density

(Any 6 × 1) (6)
[12]

QUESTION 3

3.1 H
3.2 L
3.3 G
3.4 E
3.5 C
3.6 F
3.7 I
3.8 B
3.9 A
3.10 J

(10 × 1) **[10]**

QUESTION 4

4.1
- Set out running mould carefully, accurately and properly constructed.
- Check that screeds are true.
- Check that plaster screeds are of strongly gauged mortar to resist wear.
- Check that moulds are strong, straight, smooth and fixed securely.
- Avoid joints in moulds where possible.
- Keep any nails clear of running mould.
- Check that mould clears the core before applying plaster.
- Make sure that moulds are in line with each other.
- Clean dropping and splashes from surrounding surfaces.
- Protect finished surface. (Any 5 × 1) (5)

4.2
- Clay roof tiles
- Concrete roof tiles
- Corrugated sheeting
- Plastic sheeting
- Thatched roofing
- Asbestos
- Slate roof tiles (Any 6 × 1) (6)

4.3
- Base screeds
- Corner beads
- Metal casting (3)

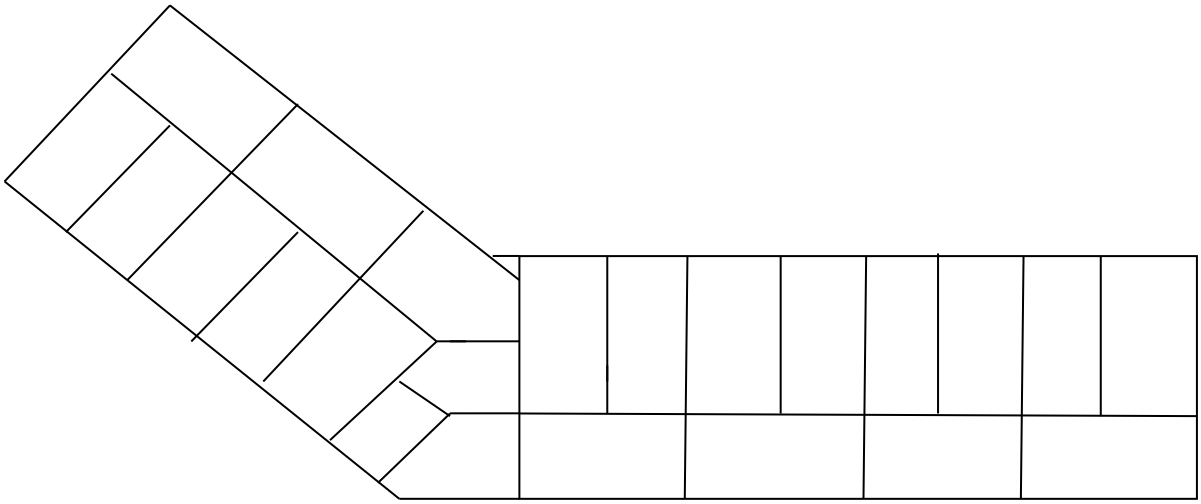
4.4 At least 150 mm above ground level (2)

4.5
- Rising damp
- Penetration damp
- Condensation (3 × 2) (6)

[22]

QUESTION 5

5.1



ALTERNATE PLAN COURSE OF TWO-BRICK RIGHT-ANGLE CORNER IN ENGLISH BOND
SCALE 1:10

MARK ALLOCATION

Approximate scale	2
Correct bond to main wall	2
Correct bond to obtuse wall	3
Correct bond to corner	2
Title and scale	1
TOTAL	10

(10)

5.2
- Guard rail
- Toe-board clip
- Toe board
- Working platform
- Transom
- Ledger
- Double coupler
- Secured ladder
- Cross bracing
- Swivel coupler
- Putlog clip
- Base plate

(Any 9 × 1) (9)

5.3
- Solid
- Hollow
- Cellular
- Custom made

(4)

5.4
- Finish should be kept clean by periodical washing with water.
- Occasionally add a nonabrasive liquid agent.
- After using a liquid agent, wash the floor with clean water.
- Apply a nonslip polish. (Any 3 × 1) (3)

5.5
- Entrance halls
- Stairways (Any relevant 2 × 1) (2)

[28]

QUESTION 6

6.1
- Throat correctly designed
- Smoke shelf provided
- Splayed side (Any relevant 3 × 1) (3)

6.2 6.2.1 Part of wall facing room and containing chimney flues

6.2.2 Process of temporarily supporting building, vessel, structure, or trench with shores (props) when in danger of collapse or during repairs or alteration

6.2.3 Formed with list of activities specifying start date, duration of activity and completion date of each activity, and then plotted on project time scale

(Any relevant 3 × 2) (6)

6.3
- Time of delivery off-loading
- Concrete mixers and other equipment ready on site
- Readiness of concrete team
- Important safety signs visible
- Bricklayers ready to start
- Setting out of building in order and checked
- Foundation excavations approved in time by building inspector
- Rain or very cold weather situations (not to be below 10 °C)
- Subcontractors and suppliers aware of delivery dates
- Subcontractor aware of completion target date and agreed penalty clauses

(Any relevant 7 × 1) (7)

6.4
- Versatile
- Easy to handle
- Cut to shape and positioned using rubber helmet (Any 2 × 1) (2)

[18]

TOTAL: 100

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