



higher education & training

Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA

MARKING GUIDELINE

NATIONAL CERTIFICATE

QUANTITY SURVEYING N4

4 August 2026

This marking guideline consists of 6 pages.

SECTION A

QUESTION 1

		1.1 Adjustments Ddt: Wall✓ External wall finishes✓ Internal wall finishes✓ Add: Threshold✓ Reveals✓ Lintel✓		✓ 1.30 0.22 <u>0.08</u> ✓ 1.30 ✓ 1.30 <u>0.22</u> ✓ 1.30 <u>0.08</u> ✓ 0.22 <u>2.33</u> ✓ 0.22 2/ <u>1.70</u>	1.3.1 Threshold Add Concrete in surface bed a.b✓ Formwork to edges of threshold n.e 300mm high✓ 20 mm cement screed a.b✓ Ditto, to isolated tread✓ 1.3.2 Reveals External cement plaster to brick wall in narrow width✓ & Two coats PVA paint to external plaster✓ External cement plaster to soffit✓ 75mm South African pine skirting a.b✓ & Two coats enamel paint on skirting n.e 300 mm girth✓ 1.3.3 110mm x 75mm precast concrete lintel n.e 3.0m in length✓ & One coat bitumen✓ Length 1300 2/200 <u>400</u> 1700✓
✓ 1.30 <u>2.40</u>		1.2.1 Ddt✓ One brick wall a.b✓			
✓ 1.30 <u>2.40</u>		1.2.2 Ddt✓ E.o brick for facings✓	2/		
✓ 1.30 <u>2.33</u>		1.2.3 Ddt Internal cement plaster a.b ✓ Height 2400 <u>-75</u> =2325		✓ 1.30 <u>0.22</u>	
✓ 1.20 <u>2.25</u>		Two coats PVA paint to internal plaster✓ Height 2400 <u>-75</u> <u>-75</u> 2250✓	2/	0.22	
✓ 1.30		Ddt 19mm x 75 mm South African pine skirting✓ & Two coats enamel paint on skirting surfaces not exceeding 300 mm girth✓	2/		

-1-

-2-

QUESTION 2

2.1 Squaring

✓ 2/	✓ <u>1.70</u>	✓ <u>3.40</u>	110mm x 75 mm ✓ precast concrete lintel ✓ n.e 3.0m in length ✓ & One coat bitumen ✓ Any 6 x ½ (3)				
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(3)

2.2 Abstracting

Precast concrete✓ m✓ 110mm x 75 mm precast concrete lintel not exceeding 3.0 m in length & One coat bitumen <u>3.40</u> 2✓ <u>3m</u>✓	Opening✓
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(3)

NO	DESCRIPTIONS	UNIT	QTY	RATE	RAND	CENTS
✓ 1	Opening ✓ Precast concrete✓ Bill no....✓ ✓ 100mm x 75mm precast concrete not exceeding 3.0m in length Carried forward to summary✓	✓ m	✓ 4		R.....	

(4)

[10]

TOTAL SECTION A: 50

SECTION B

QUESTION 3

3.1	3.1.1	m ²	(5 × 1)	(5)
	3.1.2	m ³		
	3.1.3	Item		
	3.1.4	m ²		
	3.1.5	m		
3.2	3.2.1	Extra over ordinary brickwork	(5 × 1)	(5)
	3.2.2	Cut and waste		
	3.2.3	Foundation		
	3.2.4	Approved		
	3.2.5	Built		
				[10]

QUESTION 4

4.1	4.1.1	E	(5 × 1)	(5)
	4.1.2	B		
	4.1.3	G		
	4.1.4	A		
	4.1.5	F		
4.2	4.2.1	True	(5 × 1)	(5)
	4.2.2	False		
	4.2.3	True		
	4.2.4	False		
	4.2.5	False		
				[10]

QUESTION 5

5.1	• Estimate✓ cash flows✓			(Any 5 × 2)	(10)
	• Preparing feasibility study✓ for the client✓				
	• Drawing up estimates✓ and budgets for the client✓				
	• Preparing replacement✓ estimates for insurance✓				
	• Keeping project✓ on time✓				
	• Keeping the project✓ within the budget✓				

- 5.2
- Pricing variation orders✓ and settling variation accounts. ✓
 - Valuating work in progress✓ and recommending payments to be made to the contractor. ✓
 - Controlling all the costs✓ during the construction period. ✓
 - Assessing the specialist✓ sub-contractor's claim. ✓
 - Assessing the main✓ contractor's claim. ✓
 - Preparing the final account ✓on completion of all contract work. ✓
 - Providing project management, valuation✓ and insurance claim services. ✓
- (Any 5 × 2) (10)
[20]

QUESTION 6

- 6.1 Sum of ratio
 $1 + 3 = 4$ (1)
- 6.2 Volume of wall = $9 \times 4.5 \times 0.11$ ✓
 $= 4.455 \text{ m}^3$ ✓ (2)
- 6.3 Volume of a brick without mortar = $0.22 \times 0.11 \times 0.075$ ✓
 $= 0.00182 \text{ m}^3$ ✓ (2)
- 6.4 Volume of a brick with mortar = $0.23 \times 0.11 \times 0.085$ ✓
 $= 0.00215 \text{ m}^3$ ✓ (2)
- 6.5 Number of bricks = $\frac{4.455}{0.00215}$ ✓
 $= 1979.0697$ ✓
 $= 1980 \text{ Bricks}$ ✓ (3)
[10]

TOTAL SECTION B: 50
GRAND TOTAL: 100