

201108T013



# higher education & training

Department:  
Higher Education and Training  
**REPUBLIC OF SOUTH AFRICA**

T70(E)(J25)T  
AUGUST 2011

NATIONAL CERTIFICATE

**BRICKLAYING AND PLASTERING THEORY N2**

(11010102)

25 July (X-Paper)  
09:00 – 12:00

**Candidates will require drawing instruments, pens and a ruler.**

**This question paper consists of 4 pages.**



**DEPARTMENT OF HIGHER EDUCATION AND TRAINING**  
**REPUBLIC OF SOUTH AFRICA**  
**NATIONAL CERTIFICATE**  
**BRICKLAYING AND PLASTERING THEORY N2**  
**TIME: 3 HOURS**  
**MARKS: 100**

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**INSTRUCTIONS AND INFORMATION**

1. Answer ALL the questions.
  2. Read ALL the questions carefully.
  3. Number the answers correctly according to the numbering system used in this question paper.
  4. Write neatly and legibly.
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**QUESTION 1**

- 1.1 Define the term *Scotch bracketing*. (3)
  - 1.2 Name FIVE different parts of a running mould. (5)
  - 1.3 Name THREE materials that can be used as coping on a garden wall. (3)
  - 1.4 Define the term *cavity wall construction*. (3)
  - 1.5 A cavity wall construction has certain advantages over a solid wall construction. State FOUR advantages. (4)
  - 1.6 Define the term *pargeting*. (2)
- [20]

**QUESTION 2**

- 2.1 What is the purpose of a flue in a fireplace? (2)
  - 2.2 Name FOUR plans of different construction methods of fireplaces. (4)
  - 2.3 What material is used to manufacture concrete masonry products? (2)
  - 2.4 Define the term *fire brick*. (2)
  - 2.5 State SEVEN advantages of using a trestle compared to other types of scaffoldings. (7)
  - 2.6 Name THREE different bonds that are used for paving. (3)
- [20]

**QUESTION 3**

- 3.1 State THREE causes of a smoky chimney. (3)
  - 3.2 State FOUR requirements of a running mould. (4)
  - 3.3 Name THREE different types of arches according to their shape. (3)
  - 3.4 Draw, to scale 1:10, the alternate plan courses of a one-and-half brick isolated pier in Flemish bond. (10)
- [20]

QUESTION 4

- 4.1 Name SEVEN different terms of a putlog scaffold. (7)
- 4.2 Briefly describe the procedure used to tile a small wall panel. (10)
- 4.3 Name THREE different types of building boards that are used in construction. (3)

[20]

QUESTION 5

Draw, to scale 1:10, the alternate plan courses of a right angle corner of a two-brick walling in English bond.

[20]

TOTAL: 100

