



# higher education & training

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

**NATIONAL CERTIFICATE**  
**BUILDING AND STRUCTURAL SURVEYING N5**

(8060045)

**20 August 2021 (X-paper)**  
**09:00–12:00**

**Nonprogrammable calculators may be used.**

**This question paper consists of 6 pages, 1 addendum and 1 formula sheet.**

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**DEPARTMENT OF HIGHER EDUCATION AND TRAINING**  
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NATIONAL CERTIFICATE  
BUILDING AND STRUCTURAL SURVEYING N5  
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 according to the numbering system used in this question paper.
  4. Start each question on a new page.
  5. Only use a black or blue pen.
  6. Write neatly and legibly.
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**SECTION A****QUESTION 1**

Indicate whether the following statements are TRUE or FALSE. Choose the answer and write only 'True' or 'False' next to the question number (1.1–1.5) in the ANSWER BOOK. In ONE sentence, substantiate each answer.

- 1.1 Distances measured on a slope need to be reduced to the ground level.
- 1.2 Measuring tapes contract with temperature rises and expand when temperature falls.
- 1.3 A change plate may be used as a temporary signal to indicate the location of a point or the direction of a line.
- 1.4 One should pull the tape out in the direction in which it is coiled.
- 1.5 After having set up the instrument, it must be correctly oriented.

(5 × 2) [10]