

Level 5

Demonstrate Numeracy Skills

November/December 2023



**TVET CURRICULUM DEVELOPMENT, ASSESSMENT AND CERTIFICATION
COUNCIL (TVET CDACC)**

WRITTEN ASSESSMENT

Time: 3 Hours

INSTRUCTIONS TO CANDIDATES

1. This paper has **THREE** sections **A, B** and **C**
2. You are provided with a separate answer booklet.
3. Marks for each question are as indicated
4. Do not write on the question paper.

This paper consists of EIGHT (8) printed pages

Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing

SECTION A: 20 MARKS

Answer *all* the questions in this section.

Each question carries one Mark

1. In a grazing field the ratio of goats to sheep is 4:3, sheep to cows 5:2 and cows to donkeys is 3:2. Determine the ratio of goats to donkeys.
 - A. 1:2
 - B. 1:1
 - C. 2:1
 - D. 5:1
2. A rectangular garden is enclosed by 320 metres of fencing. If the length of the field is 6 metres more than its width, find its length, in metres.
 - A. 80
 - B. 83
 - C. 77
 - D. 157
3. A Lorry travels at a speed of 60 Kilometers per hour. Find the distance travelled in 2.5 hours.
 - A. 120km
 - B. 150km
 - C. 125km
 - D. 140km
4. Solve the equation $2^{3x-1} = 256$.
 - A. 128
 - B. -3
 - C. 3
 - D. 8
5. In statistics, a bar graph represents
 - A. Continuous data
 - B. Discrete data