EXAM-STYLE CLASS TEST

MARKS	DURATION	QUESTIONS
34	55 minutes	3

Name: _____ Class: _____

Date: _____

MARK ____ / 34

INSTRUCTIONS AND INFORMATION

1. Answer **ALL** the questions in this question paper.
2. Answer QUESTION 1 by **circling** the letter (A–D) in the answer grid at the end of that section.
3. Show **ALL** calculations clearly.
4. Show all units where applicable.
5. Number the answers correctly according to the numbering system used in this question paper.
6. A non-programmable calculator may be used, unless stated otherwise.
7. Write neatly and legibly.

QUESTION 1 [10 MARKS]

Four options are given as possible answers to the following questions. Choose the correct answer and circle the letter (A–D) in the grid at the end of this section. If you want to change your choice, put a cross through the wrong letter and circle your new choice.

1.1 The value of $(0{,}05)^2$ is ... (1)

A) 25 **B)** 0,025
C) 0,0025 **D)** 0,25

1.2 $12{,}5 \times 0{,}4 =$ ... (1)

A) 0,5 **B)** 50
C) 5 **D)** 500

1.3 $3{,}75 \div 0{,}5 =$ ... (1)

A) 0,75 **B)** 7,5
C) 18,75 **D)** 1,875

1.4 Dividing a number by 0,1 gives an answer that is ... (1)

A) the number itself **B)** 10 times the number
C) 100 times the number **D)** one tenth of the number

1.5 $0{,}3 \times 0{,}2 =$ ... (1)

A) 0,6 **B)** 0,5
C) 6 **D)** 0,06

1.6 6 pens cost R23,40. ONE pen costs ... (1)

A) R4,90 **B)** R3,90
C) R3,60 **D)** R140,40

1.7 Which one of the following products is the LARGEST? (1)

A) $8 \times 1{,}1$ **B)** $8 \times 0{,}1$

C) $8 \times 0{,}9$ **D)** $8 \times 0{,}99$

1.8 Multiplying a number by $0{,}5$ is the same as ... (1)

A) doubling it **B)** dividing by $0{,}5$

C) adding a half **D)** halving it

1.9 A car uses $7{,}5\ \ell$ of petrol per 100 km. For 250 km it uses ... (1)

A) $1\ 875\ \ell$ **B)** $30\ \ell$

C) $17{,}5\ \ell$ **D)** $18{,}75\ \ell$

1.10 $2{,}4 \div 0{,}08 = \ldots$ (1)

A) 30 **B)** 3

C) $0{,}3$ **D)** 300

ANSWER GRID — CIRCLE YOUR ANSWERS FOR QUESTION 1

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

QUESTION 2 [11 MARKS]

Calculate the following WITHOUT using a calculator. Remember the order of operations.

2.1 $12{,}5 \times 0{,}4 - 3{,}75 \div 0{,}5$ (5)

2.2 $0,6 \times 0,4 + 0,24$ **(3)**

2.3 $2,4 \div 0,15$ **(3)**

QUESTION 3 [13 MARKS]

Rice is sold at R24,50 per kilogram.

3.1 Calculate the cost of 2,5 kg of rice, and the change from R100. **(4)**

3.2 Determine how many WHOLE kilograms can be bought for R98. **(3)**

3.3 Calculate the mean of 0,75; 0,8 and 1,2, correct to TWO decimal places. **(4)**

3.4 Explain why multiplying a positive number by $0{,}5$ makes it smaller, but multiplying it by $1{,}5$ makes it bigger. **(2)**

TOTAL: 34 marks

This question paper consists of 3 questions.

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