EXAM-STYLE CLASS TEST

MARKS	DURATION	QUESTIONS
35	55 minutes	3

Name: _____ Class: _____

Date: _____

MARK ____ / 35

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 $\frac{3}{5}$ of R250 is ... (1)

A) R50 **B)** R75
C) R416,67 **D)** R150

1.2 R840 is shared between two people in the ratio 3 : 4. The SMALLER share is ... (1)

A) R280 **B)** R420
C) R360 **D)** R480

1.3 A shirt costing R320 is reduced by $\frac{1}{4}$. The new price is ... (1)

A) R400 **B)** R316
C) R240 **D)** R80

1.4 $\frac{2}{3}$ of a number is 18. The number is ... (1)

A) 54 **B)** 27
C) 36 **D)** 12

1.5 In a class of 40 learners, $\frac{2}{5}$ walk to school. How many do NOT walk? (1)

A) 20 **B)** 16
C) 24 **D)** 8

1.6 Which one of the following is the same as finding $\frac{1}{4}$ of an amount? (1)

A) multiplying by 4 **B)** dividing by $\frac{1}{4}$

C) subtracting 4 **D)** dividing by 4

1.7 Three friends share 12 sweets so that Ann gets $\frac{1}{2}$, Ben $\frac{1}{3}$ and Cara the rest. Cara gets ... (1)

A) 3 **B)** 4

C) 6 **D)** 2

1.8 A tank holds $60\ \ell$. It is $\frac{2}{3}$ full. How much more is needed to fill it? (1)

A) $40\ \ell$ **B)** $20\ \ell$

C) $30\ \ell$ **D)** $90\ \ell$

1.9 Increase R150 by $\frac{1}{5}$. (1)

A) R180 **B)** R155

C) R120 **D)** R30

1.10 Which one of the following is the GREATEST? (1)

A) $\frac{4}{5}$ of 40 **B)** $\frac{2}{3}$ of 42

C) $\frac{3}{4}$ of 36 **D)** $\frac{1}{2}$ of 60

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 [12 MARKS]

Answer the questions below. Show ALL your calculations.

2.1 Calculate $\frac{3}{4}$ of $60 + \frac{1}{3}$ of 45. **(4)**

2.2 $\frac{3}{4}$ of a number is 24. Determine the number. **(3)**

2.3 Sipho is given R120. He spends $\frac{1}{4}$ of it on a book and $\frac{1}{3}$ of it on food. Calculate, in rands, how much he has LEFT. **(5)**

QUESTION 3 [13 MARKS]

Answer the word problems below.

3.1 A farmer plants $\frac{2}{5}$ of a field with maize and $\frac{1}{3}$ of the field with beans. The rest is left fallow. Determine the fraction left fallow. **(4)**

3.2 If the field is 45 hectares, calculate how many hectares are left fallow. **(3)**

3.3 A 7-litre container is used to fill $\frac{1}{2}$-litre bottles. Determine how many bottles can be filled in total, and how much is left after 9 bottles have been filled. **(4)**

3.4 Explain the difference between finding a fraction OF an amount and dividing BY a fraction. **(2)**

TOTAL: 35 marks

This question paper consists of 3 questions.

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