

MATHEMATICS

Paper 1

Summary:

	<u>Subject</u>	<u>Marks</u>
<u>Section A</u>		
Question 1	Mental maths	10
<u>Section B</u>		
Question 1	Number value and Place value	10
Question 2	Expanded notation	2
Question 3	Rounding off	8
<u>Section C</u>		
Question 1	Calculations	12
<u>Section D</u>		
Question 1	Word sums	3
Total:		45

Section A:

Question 1: Mark the correct block.

EXAMPLE

Question:

$$400 + 30 + 13 = 443$$

TRUE

✓

FALSE

Questions:

- a) All the numbers are even numbers **12, 58, 76, 99**
- b) $12 + 70 - 2 = 2 \times 20 \times 2$
- c) If '0' is added or subtracted from any number the value remains the same.
- d) If a number is multiplied by '0' the answer will always be 1.
- e) $4 \times 0 = 0$
- f) Factors of 27 is: **1, 2, 3, 4, 9, 27**
- g) Multiples of 12 is: **12, 24, 36, 48**
- h) $45 - 18 \div 9 = 43$
- i) $17 \times 4 + 32 = 100$
- j) The product of **45** and **2** is **90**

TRUE	FALSE
	✓
✓	
✓	
	✓
✓	
	✓
✓	
✓	
✓	

[10]

Section B: NUMBER VALUE AND PLACE VALUE

Question 1

Write down the number value and the place value. (10)

	Number	Place Value	Number value
a)	451 <u>8</u> 95	89T	890
b)	9 <u>6</u> 25	625E	625
c)	46 <u>7</u> <u>1</u> 21	71H	7 100
d)	<u>1</u> 24 125	12D	120 000
e)	413 <u>8</u> 24	8H	800

Question 2 Calculate the follwoing

a.) $36 \text{ Th} + 112\text{U} + 250\text{T} = \underline{\quad 38\,612 \quad}$ (2)

Question 3 Rounding off

3.1) Round off to the nearest 10 (2)

a). $383 \approx \underline{\quad 380 \quad}$

b). $8\,127 \approx \underline{\quad 8\,130 \quad}$

3.2) Round off to the nearest 100 (2)

c). $1\,564 \approx \underline{\quad 1\,600 \quad}$

d). $12\,486 \approx \underline{\quad 12\,500 \quad}$

3.3) Round off to the nearest 1 000 (4)

e). $7\,742 \approx \underline{\quad 8\,000 \quad}$

f). $49\,579 \approx \underline{\quad 50\,000 \quad}$

g). $32\,846 \approx \underline{\quad 33\,000 \quad}$

h). $72\,321 \approx \underline{\quad 72\,000 \quad}$

Section C: CALCULATIONS (12)

Use any method to complete the sums

a. $24789 + 9\,863$	b. $36\,208 - 589 =$
$ \begin{array}{r} 24789 \\ + 9863 \\ \hline 34652 \end{array} $	$ \begin{array}{r} 36208 \\ - 589 \\ \hline 35619 \end{array} $
(2)	(2)

c. $2\,456 \times 13 =$	d. $9\,875 \times 12 =$
$ \begin{array}{r} 2\,456 \\ \times 13 \\ \hline 7\,368 \\ 24\,560 \\ \hline 31\,928 \end{array} $	$ \begin{array}{r} 9\,875 \\ \times 12 \\ \hline 19\,750 \\ 98\,750 \\ \hline 118\,500 \end{array} $
(2)	(2)
e. $5\,475 \div 5 =$	f. $4\,158 \div 6 =$
$ \begin{array}{r} 1\,089 \\ 5 \overline{) 5\,475} \\ \hline \end{array} $	$ \begin{array}{r} 526 \text{ res } 2 \\ 6 \overline{) 3158} \\ \hline \end{array} $
(2)	(2)

Section D: WORD SUMS (3)

An athlete practice 2 hours and 45 min on the track every day and exercises 1 hour 30 min in the gym. What is the total time that this athlete exercises in 5 days?

$$\begin{array}{r}
 2 \text{ hours} \quad 45 \text{ min} \\
 + 1 \text{ hour} \quad 30 \text{ min} \\
 \hline
 3 \text{ hours} \quad 75 \text{ min} \\
 \\
 4 \text{ hours} \quad 15 \text{ min}
 \end{array}$$

$$\begin{array}{r}
 4 \text{ hours} \quad 15 \text{ min} \\
 \times 5 \\
 \hline
 20 \text{ hours} \quad 75 \text{ min} \\
 \\
 21 \text{ hours} \quad 15 \text{ min.}
 \end{array}$$