Grade 7 Mathematics

July 2020 : Controlled test.

level	1	2	3	4	5	6	7
%	0 - 29	30 - 39	40 - 49	50 - 59	60 - 69	70 - 79	80 - 100

Name : _____   **Total : 25 marks**

Date : 2020 – 07 – 24   **Time : 30 minutes**

Examiner : Mr V. Rowe   **Moderator : Mr J. Nash**

Parent's signature : _____

Comments :

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Question 1.   [10]

Write answers for the following:

1.1.	The LCD for $\frac{2}{3} + \frac{3}{4}$	
1.2.	$\frac{1}{4}$ of $\frac{1}{3}$	
1.3.	12,768 rounded off to the 2 d.p.	
1.4.	8,98 rounded off to the first decimal place.	
1.5.	$3 + \frac{2}{1000}$ written as a decimal.	
1.6.	4,6 written as a percentage.	
1.7.	10% of R12,50	
1.8.	16,25 x 1000	
1.9.	$\frac{3}{4}$ x — = 1	
1.10.	4,55 ÷ 100	

Question 2.   [8]

Calculate the following. (Show the necessary steps to find the answer)

2.1. $1\frac{2}{5}$ of $2\frac{1}{3}$ [answer to be in its simplest form]

2.1.	Solution	Marks
		(3)

2.2. $3\frac{3}{4} + 1\frac{2}{3} - 2\frac{1}{2}$

2.2.	Solution	Marks
		(3)

2.4.   25% of R 600

2.4.	Solution	Marks
		(2)

Question 3.   [8]

Calculate:

   a. -6 -25 = _____
   b. -12 – (-25) = _____
   c. 20 + (- 20) - (+ 35) = _____
   d. (-4) . (-3) . (-2) = _____
   e. $\frac{-15}{3}$ = _____

Question 4.   [2]

   1. The highest recorded temperature on Earth is 58°C and the lowest recorded
       temperature on Earth is -89°C. What is the difference between the highest and
       lowest temperatures?

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_____

   1. The daytime temperature was recorded at 12°C. During the night it dropped by 17°C.
       What is the temperature in the morning?

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