Bedfordview Primary School
CONTROLLED TEST

Name: _____   Grade : ____

Subject: Mathematics
Examiner: Mr Rowe   Date: 2021 – 06 - 30
Moderator: Miss Robben   Time Allocation: 1 Hour

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

INSTRUCTIONS

1. An extra 10 minutes will be provided for reading.
2. Write neatly and legibly.
3. Answer in the spaces provided.
4. Show all your working out.
5. No calculators are allowed.
6. This paper consists of ____ pages.

	Question Analysis							
Question 1 [10]	Question 2 [6]	Question 3 [5]	Question 4 [5]	Question 5 [5]	Question 6 [6]	Question 7 [8]	Question 8 [5]	TOTAL 50

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Question 1.   [10]

Write down the correct answer in the column provided.

1.1	$26 - 12 \times 2 \div 4 - 30 + 450$	1.1	
1.2	What must be **added** to 14 325 to get 14 925	1.2	
1.3	**Simplify** $\sqrt{144}$	1.3	
1.4	Find the **lowest common multiple** of 12 and 24.	1.4	
1.5	Write down the **factors** of 42	1.5	
1.6	$(9 - 7)^3 = \ldots$	1.6	
1.7	Which is the largest number: **526 927** or **526 792**	1.7	
1.8	$\frac{1}{3}$ **of** $\frac{3}{5}$	1.8	
1.9	Complete: $113 - 25 =$ _____ $+ 36 \times 2$	1.9	
1.10	The **product** of the first three **prime** numbers is…	1.10	

Question 2.   **[6]**

2.1.   Complete the following table. Write the **fraction** in its **simplest form**.

Common fraction	Decimal	Percentage
$\dfrac{4}{5}$		
	0,55	
		12,5%

Question 3.   **[5]**

3.1   Calculate:

$\sqrt{64}$ - $\sqrt[3]{125}$ + 3^3 - 7^2 (2)

3.2.   A number which is the **square** of 3 and also the square root of 81. What is the number?

_____   (1)

3.3.   Find the **value** of $\sqrt{64 + 36}$.

_____   (1)

3.4.   Write 8 x 8 x 8 x 8 as an **exponent**.

_____   (1)

Question 4.   **[5]**

4.1   In a class of 35 learners there are 25 boys and 10 girls. Write down

the **ratio** of boys to girls.   (1)

_____

4.2   Write down the **fraction** of boys out of the total number of learners above. (1)

_____

4.3   Simplify the **fraction** of boys to the total number of learners above.   (1)

_____.

4.4   The school has 25 boys who can play in the under 13 rugby team.

The coach can take only 17 of them to play an away game.

Calculate the **percentage** of the boys that can go on the trip.   (2)

_____

_____

_____

Question 5.   **[5]**

5.1.   Calculate:

$1\frac{2}{3} \times 2\frac{1}{4} - 1\frac{2}{6}$ (4)

5.2.   What number must be **multiplied** with 12 to equal 1 whole?   (1)

_____

Question 6.

6.1. Study the number given and then answer the questions that follow about the

Number: **2, 469**

6.1.1   Write down the value of the '4' that is underlined, as a fraction in its simplest form.

_____

(1)

6.1.2   Multiply 2,469 by 100.

6.1.2	Solution	Marks
		(1)

6.1.3   Round off 2,469 to two decimal places.

6.1.3	Solution	Marks
		(1)

6.1.4   Write 2,469 as a mixed number.

6.1.4	Solution	Marks
		(1)

6.1.5   Subtract 0, 9 from 2,469.   (2)

Question 7.   **[8]**

Calculate:

Fill in answers for the following:

- 8 – (-20) + (-35)	
-12 x -4	
$\dfrac{-12}{4}$	
14 + 36 – 254	

Question 8.   [5]

Use the rule $y = -3x - 10$

x	-10	-5	-1	5	10
y					