Catholic High School (Primary)
Primary 5 Mathematics 2024
Weighted Assessment 3

NAME : _____( ) DATE : _____

CLASS : _____

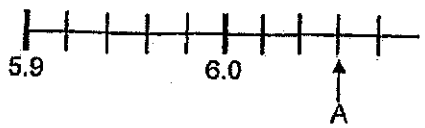
PARENT'S SIGNATURE : _____

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Section A

Questions 1 to 4 carry 2 marks each. For each question, four options are given. Make your choice (1, 2, 3 or 4) and write your choice in the bracket provided. All diagrams are not drawn to scale. (8 marks)

1. The number line below is marked at equal intervals. What is the value represented by A?



(1) 6.3
(2) 6.6
(3) 6.03
(4) 6.06

( )

2. There were 900 pupils in the hall. 60% of the pupils were boys and the rest were girls. How many girls were there in the hall?

(1) 180
(2) 360
(3) 540
(4) 860

( )

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3. The average of six numbers is 42. The sum of the first five numbers is 215. What is the sixth number?

(1) 37

(2) 43

(3) 173

(4) 257 ( )

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4. The table shows the bulk post charges between two countries.

Mass Step Not Over	Bulk Post Charges
3 kg	$14
5 kg	$26
Per additional step of 1 kg or part thereof	$8

What is the bulk post charge for sending a package that weighs 7.3 kg?

(1) $34

(2) $40

(3) $50

(4) $64 ( )

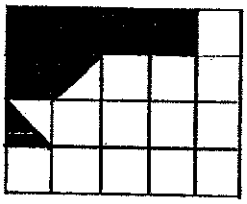
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Section B

Questions **5** to **10** carry 2 marks each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. All diagrams are not drawn to scale. (12 marks)

Do not write in this space

5. The figure below is made up of 20 identical squares. What percentage of the figure is shaded?



Ans: _____%

6. Carol bought a dress which included a GST of 9%. The price of the dress before GST was $70. How much did Carol pay for the dress?

Ans: $_____

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7. Mr Lee had $4500 in his bank account. The bank paid 3% interest at the end of each year. How much interest did he earn at the end of 1 year?

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Ans: $_____

8. The table below shows the number of muffins sold from Monday to Friday. Find the average number of muffins sold on each day.

Day	Mon	Tue	Wed	Thu	Fri
Number of muffins sold	0	42	70	38	50

Ans: _____

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9. The usual price of a dining table was $950. During a sale, all items were sold at 20% discount. What was the price of the dining table after the discount?

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Ans: $_____

10. Mrs Lim bakes 6 cupcakes every 10 minutes. At this rate, how many cupcakes could she bake in 2 hours?

Ans: _____

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Section C

For questions **11** to **13**, show your working clearly in the space provided for each question and write your answers in the spaces provided. The number of marks available is shown in brackets [ ] at the end of each question or part-question.

(10 marks)

11. A box of 20 identical tennis balls has a mass of 1.58 kg. The empty box has a mass of 420 g. Find the mass of each tennis ball in kilograms.

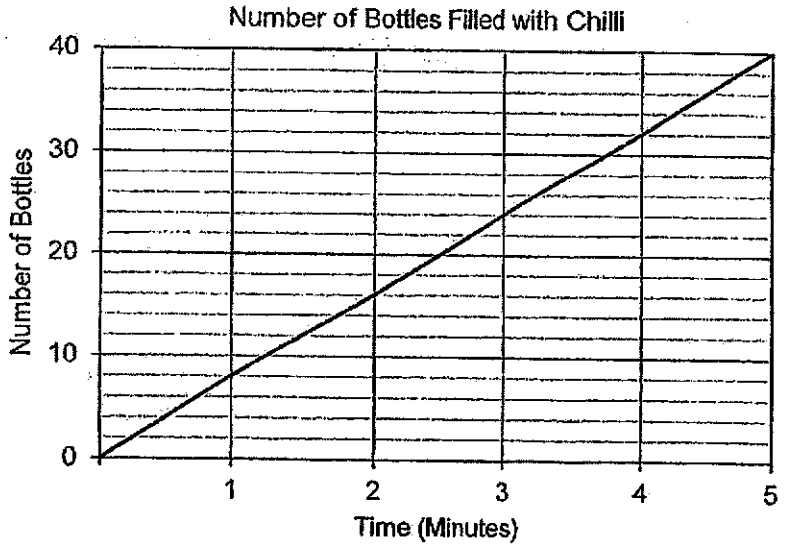
Ans: _____ [3]

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12. A machine at a factory fills equal number of bottles with chilli every minute. The line graph shows the number of bottles filled with chilli over 5 minutes.

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(a) How many bottles of chilli does the machine fill in 3 minutes?

Ans: (a) _____ [1]

(b) At this rate, how much time will the machine take to fill 184 bottles of chilli?

Ans: (b) _____ [2]

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13. The total cost of a bag, a watch and a jacket was $332.10. The watch cost $13.60 less than the jacket. The watch cost thrice as much as a bag. What was the cost of the jacket?

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Ans: _____ [4]

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SCHOOL : CATHOLIC HIGH SCHOOL
LEVEL : PRIMARY 5
SUBJECT : MATHEMATICS
TERM : 2024 WA3

Q1	Q2	Q3	Q4
4	2	1	3

Q5	Shaded squares = 6 $\frac{6}{20}$ x 100% = **30%**
Q6	100% → \$70 1% → \$0.70 109% → 109 x \$0.70 = **\$76.30**
Q7	100% → \$4500 1% → \$45 3% → 3 x \$45 = **\$135**
Q8	Total = 0 + 42 + 70 + 38 + 50 = 200 Number of items = 5 days Average = 200 ÷ 5 = **40**
Q9	100% → \$950 1% → \$9.50 20% → 20 x \$9.50 = \$190 Price after discount = \$950 - \$190 = **\$760**
Q10	2 hours = 120 min 10 min → 6 cupcakes 120 min → 6 x 12 = **72**
Q11	1.58 kg = 1580 g Mass of 20 tennis balls = 1580 - 420 = 1160 g Mass of 1 tennis ball = 1160 ÷ 20 = 58 g = **0.058 kg**
Q12a	24
Q12b	1 min → 8 bottles 184 ÷ 8 = **23 min**
Q13	Jacket = 3u + \$13.60, Watch = 3u, Bag = 1u 3u + 3u + 1u = 7u 7u = \$332.10 - \$13.60 = \$318.50 1u = \$45.50 3u = 3 x \$45.50 = \$136.50 Cost of jacket = \$136.50 + \$13.60 = **\$150.10**

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