Nan Hua Primary School
Primary 5 Mathematics
Term 3 Weighted Assessment 2024
Paper 1

Marks	
Section A:	/6
Section B:	/12
Total:	18

Name: _____ ( )

Class: Primary 5M___

Date: _____

Duration: 25 min

_____
Parent's Signature

INSTRUCTIONS TO CANDIDATES

1. Write your name and index number in the space provided.
2. Do not turn over the page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions.
5. Use dark blue or black ball point pen to write your answers in the space provided for each question.
6. Do not use correction tape/ fluid/ highlighter.
7. The use of calculators is NOT allowed.

This booklet consists of 6 printed pages.

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Section A

Questions 1 to 4 carry 1 mark each. Question 5 carries 2 marks.
For each question, four options are given. One of them is the correct answer.
Make your choice (1, 2, 3 or 4) and write your answer in the brackets.

(6 marks)

1 What is the product of 0.007 and 800?

(1) 0.56

(2) 5.6

(3) 56

(4) 560 ( )

2 Which of the following is the same as 5002 cm?

(1) 5.2 m

(2) 5.02 m

(3) 50.2 m

(4) 50.02 m ( )

3 The usual price for a watch was $140. David bought it at a discount of 20%. How much was the discount?

(1) $20

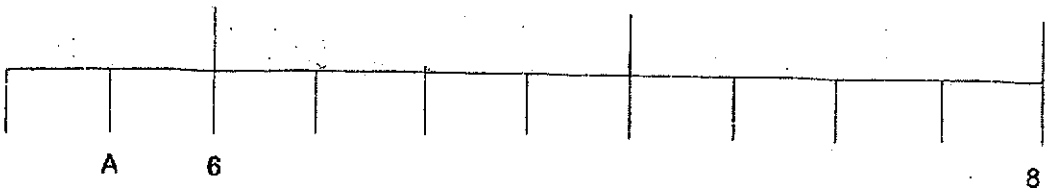
(2) $28

(3) $112

(4) $120 ( )

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4 In the number line below, what is the value of A?



(1) 5

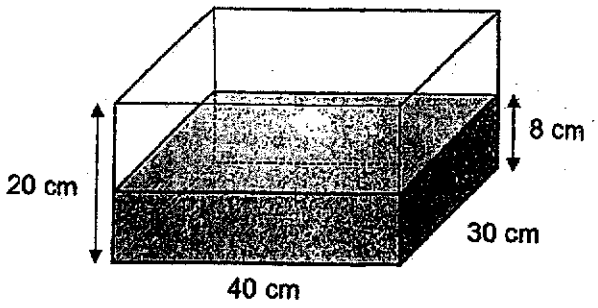
(2) 5.25

(3) 5.75

(4) 5.9

( )

5 A rectangular tank measures 40 cm by 30 cm by 20 cm. It is filled with water to a height of 8 cm. How much water is needed to fill the tank completely?



(1) 9600 cm^3

(2) 14 400 cm^3

(3) 24 000 cm^3

(4) 192 000 cm^3

( )

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Section B

Questions 6 to 7 carry 1 mark each. Questions 8 to 12 carry 2 marks each.
Write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (12 marks)

6 What is the value of 3 tens, 12 tenths and 8 hundredths?

Ans : _____

7 In a class, $\frac{2}{5}$ of the students are boys. What percentage of the students are girls?

Ans: _____ %

8 The price for 30 mangoes is $48. What is the price of 2 such mangoes?

Ans: $ _____

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9 The price of a camera is $1200 excluding 9% GST. How much is the price of the camera including GST?

Ans : $ _____

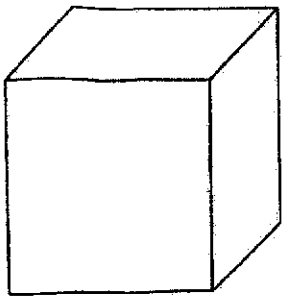
10 Mrs Raju has $8000 in her savings account. She earns 2% interest each year. How much money will Mrs Raju have in her account at the end of 1 year?

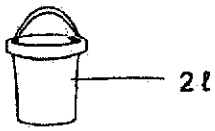
Ans: $ _____

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11 Pails of water are poured into a cubical container of edge 40 cm. Each pail has a capacity of 2 ℓ. How many full pails of water are needed to fill the container completely?





Ans: _____

12 A dress was sold at a discount at a store. How much was the discounted price of the dress?



Ans: $ _____

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For questions 1 to 4, show your working clearly 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.

(12 marks)

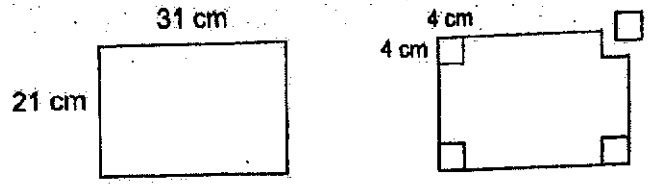
1 Mrs Tay bought 80 apples and 120 oranges. 10% of the apples and 5% of the oranges were rotten. What percentage of the fruits were not rotten?

Ans: _____ [3]

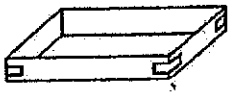
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2 Caili had a rectangular piece of paper measuring 31 cm by 21 cm. She cut out a square of 4 cm at each corner.



She then folded up the sides and taped the corners to form an open box as shown.



What was the volume of the open box?

Ans: _____ [3]

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3 A piggy bank contains 45 coins with a total value of $17.10. There are only 20-cent coins and 50-cent coins in the piggy bank. How many 50-cent coins are there?

Ans: _____ [3]

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4 Tom was given $4 pocket money every day of the week. He spent $3.20 per day from Monday to Friday and saved the rest. He saved all his pocket money on Saturday and Sunday. Starting on a Monday, how many days did it take for him to save $52?

Ans: _____ [3]

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SCHOOL : NANHUA PRIMARY
LEVEL : PRIMARY 5
SUBJECT : MATHEMATICS
TERM : WA3

PAPER 1

SECTION A

Q1	Q2	Q3	Q4	Q5
2	4	2	3	2

SECTION B

Q6	3 tens = 30 12 tenths = 1.2 8 hundredths = 0.08 21.28
Q7	$\frac{3}{5}$ are girls = 60%
Q8	30 mangoes = $48 1 mango = $1.60 2 mangoes = $3.20
Q9	GST = 9% = $\frac{9}{100}$ x 1200 = $108 $1200 + $108 = $1308
Q10	Interest = 2% = $\frac{2}{100}$ x 8000 = $160 $8000 + $160 = $8160
Q11	Capacity of container = 40 x 40 x 40 = 64000cm^3 64000 ÷ 2000 = 32
Q12	60% after discount = $\frac{60}{100}$ x 190 = $114

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PAPER 2

Q1	10% apples rotten = 8 Apples not rotten = 80 – 8 = 72 5% oranges rotten = 6 Oranges not rotten = 120 – 6 = 114 Total not rotten = 114 + 72 = 186 % not rotten = $\frac{186}{200}$ = 93%
Q2	L = 31 – 4 – 4 = 23cm B = 21 – 4 – 4 = 13cm H = 4cm Volume = 23 x 13 x 4 = 1196cm^3
Q3	Assume all coins are 50¢ 45 x 50¢ = $22.50 $22.50 - $17.1 = $5.4 50¢ - 20¢ = 30¢ = $0.30 $5.4- ÷ $0.30 = 18 (Total Qty of 20¢) 45 – 18 = 27
Q4	Saving on weekday = $4 - $3.20 = $0.80 Mon to Fri = $0.80 x 5 = $4 Saving on weekend = $4 x 2 = $8 Total saving in 1 week = $8 + $4 = $12 $52 ÷ $12 = 4.333 4 weeks = 28 days = $12 x 4 = $48 5 weekdays = $4 Total 28 + 5 = 33 days

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