Nan Hua Primary School
Primary 6 Mathematics
Term 1 Non-Weighted Assessment 2024
Paper 1

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

Name: _____ ( )

Class: Primary 6M___

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.

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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 Arrange the following fractions from the greatest to the smallest.

$$\frac{3}{4}, \quad \frac{4}{5}, \quad \frac{5}{6}$$

	Greatest		Smallest
(1)	$\frac{4}{5}$,	$\frac{3}{4}$,	$\frac{5}{6}$
(2)	$\frac{5}{6}$,	$\frac{4}{5}$,	$\frac{3}{4}$
(3)	$\frac{3}{4}$,	$\frac{5}{6}$,	$\frac{4}{5}$
(4)	$\frac{4}{5}$,	$\frac{5}{6}$,	$\frac{3}{4}$

( )

2 Express $2\frac{6}{25}$ as a decimal.

(1) 2.06

(2) 2.24

(3) 2.25

(4) 2.60

( )

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3 What is $\frac{5}{12} \times \frac{3}{2}$?

(1) $\frac{1}{3}$

(2) $\frac{4}{7}$

(3) $\frac{5}{8}$

(4) $1\frac{1}{4}$ ( )

4 $\frac{2}{3} - \frac{\boxed{?}}{12} = \frac{1}{4}$

What is the missing number?

(1) 1

(2) 5

(3) 3

(4) 11 ( )

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5 A handbag cost $250. Kelly bought the bag and was given a 20% discount.
She had to pay 8% GST on the discounted price.
How much did she pay for the handbag inclusive of the GST?

(1) $180

(2) $184

(3) $216

(4) $220 ( )

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Section B

Questions 6 to 9 carry 1 mark each. Questions 10 to 13 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 Find the value of $\frac{5}{6} \times 2$. Express your answer as a mixed number in the simplest form.

Ans : _____

7 The product of two fractions is $\frac{3}{8}$. One of the fractions is $\frac{1}{2}$. What is the other fraction?

Ans: _____

8 $\frac{2}{3}$ of a pie was distributed equally among 5 boys. What fraction of the whole pie did each boy receive?

Ans : _____

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9 Mrs Tan has 4 kg of flour. She needs $\frac{1}{5}$ kg of flour to bake a cake.

How many of such cakes can she bake?

Ans : _____

10 Some students attended a concert at a school auditorium. 40% of the students who attended the concert were girls. There were 168 boys who attended the concert. How many students attended the concert altogether?

Ans : _____

11 After an increase of $80, Daniel's monthly allowance became $400. What is the percentage increase in his allowance?

Ans: _____%

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12 Jenny made some milkshake. She drank $\frac{3}{5}$ of it and her three siblings shared the remainder equally. What fraction of the original amount of milkshake did each of her siblings get?

Ans : _____

13 The mass of a container that was $\frac{2}{3}$ - filled with sand was 1200 g. When 220 g of sand was poured out of the container, it became $\frac{1}{2}$ - filled. Find the mass of the empty container.

Ans: _____ g

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Nan Hua Primary School
Primary 6 Mathematics
Term 1 Non-Weighted Assessment 2024
Paper 2

Marks	
Total:	/12

Name: _____ ( )

Class: Primary 6M___

Date: _____

Duration: 20 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.
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For questions 1 to 3, 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 There were 520 principals at a conference. $\frac{2}{5}$ of them were primary school principals. $\frac{1}{4}$ of the remainder were junior college principals. The rest were secondary school principals. Find the number of secondary school principals at the conference.

Ans : _____ [3]

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2 At a concert, 45% of the audience were female adults, 30% were male adults and the rest were children. There were 450 children at the concert.

(a) How many female adults were there at the concert?

Ans: (a) _____ [2]

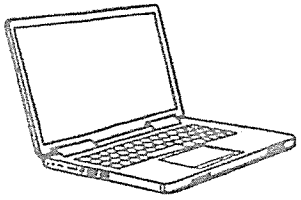
(b) 150 female adults left the concert before it ended. What percentage of the audience was made up of female adults at the end of the concert?

Ans: (b) _____ [2]

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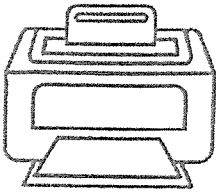
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3 Mr Chan bought a laptop and a printer from a shop. He paid a total of $1824 for these two items after discount. The total discount given for the laptop and printer was $246. Find the percentage discount given for the printer.



Laptop

Usual Price: $1290
Discount Given: 10%



Printer

Usual Price: $?
Discount Given: ? %

Please do not write in the margin

Ans: _____ [5]

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SCHOOL : NAN HUA SCHOOL
LEVEL : PRIMARY 6
SUBJECT : MATH
TERM : 2024 WA1

Q1)	2
Q2)	2
Q3)	3
Q4)	2
Q5)	3
Q6)	$\frac{5}{6} \times \frac{2}{1} = \frac{5}{3} = 1\frac{2}{3}$
Q7)	$\frac{3}{8} \div ½ = \frac{3}{8} \times \frac{2}{1} = ¾$
Q8)	$\frac{2}{3} \div \frac{5}{1} = \frac{2}{3} \times \frac{1}{5} = \frac{2}{15}$
Q9)	20
Q10)	$280
Q11)	25%
Q12)	$\frac{2}{15}$
Q13)	320g

Q1)	20u → 520 1u → 520 ÷ 20 = 26 20 – 8 – 3 = 9 9u → 26 x 9 = 234

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Q2)	a)100% - 455 – 30% = 25% 25% → 450 1% → 450 ÷ 25 = 18 45% → 18 X 45 = 810 female adults b)810 – 150 = 660 100% → 18 x 100 = 1800 1800 – 150 = 1650 $\frac{660}{1650}$ x 100 = 40%
Q3)	Discount of laptop → $\frac{10}{100}$ x $1290 = $129 Discount price of laptop → $1290 - $129 = $1161 Discount of printer →$246 - $129 = $117 Discount price of printer → $1829 - $1161 = $663 $663 + $117 = $780 $\frac{117}{780}$ x 100 = 15%

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