Calculator allowed

Nan Hua Primary School
Primary 5 Mathematics
Term 3 Weighted Assessment 2022

Marks	
Section A:	/10
Section B:	/15
Total:	**/25**

Name: _____ ( )

Class: Primary 5M_____

Date: _____

Duration: 50 minutes

_____
Parent's Signature

Answer all questions.

Section A (10 marks)

Questions 1 to 5 carry 2 marks each. Write your answers in the spaces provided.
For questions which require units, give your answers in the units stated.

1. The ratio of the number of girls to the total number of students in a class is 17: 40. What percentage of the students in the class are boys?

Ans: _____%

2. Xavier had some stamps. He gave away 22% of his stamps and was left with 312 of his stamps. How many stamps did he have at first?

Ans: _____

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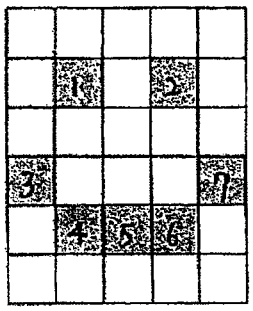
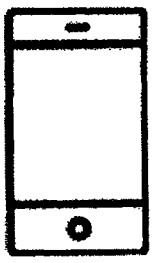
3. The figure below is made up of identical squares. How many more squares should be shaded so that 60% of the figure is shaded?



Ans: _____

4. Sheryl wants to buy a smart phone that costs $699 before 7% GST. How much GST does Sheryl have to pay?



Ans: $_____

5. Mr Lim has $45 500 in his savings account. He earns 2.2% interest each year. How much will Mr Lim have in his account at the end of 1 year?

Ans: $_____

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Section B (15 marks)

Questions 6 to 7 carry 2 marks each, question 8 carries 3 marks and questions 9 and 10 carry 4 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.

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6. Jack had 1300 stamps in his stamp collection. 55% of his stamps were Singapore stamps and the remaining stamps were from Malaysia, Indonesia and Thailand. How many Malaysia stamps did Jack collect if there were equal number of stamps from Malaysia, Indonesia and Thailand?

Ans: _____

7. The table below shows how Lucas divided his time during his visit to the Science Centre.

Exhibition	Duration spent
Butterflies Up-Close	30 min
Earth Alive	40 min
Future Makers	45 min
Phobia: The Science Of Fear	50 min
The Tinkering Studio	30 min
Smart Nation Playscape	45 min

What percentage of his time at the Science Centre did Lucas spent in the 'Future Makers' and 'Smart Nation Playscape' exhibitions altogether?

Ans: _____ %

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8. Mdm Jeya receives a monthly salary of $6300. She spends 30% of her salary on her apartment rent and saves $\frac{3}{7}$ of her salary in the bank. Mdm Jeya spends the rest of her monthly salary on food and transport. How much does Mdm Jeya spend on food and transport every month?

Ans: _____ [3]

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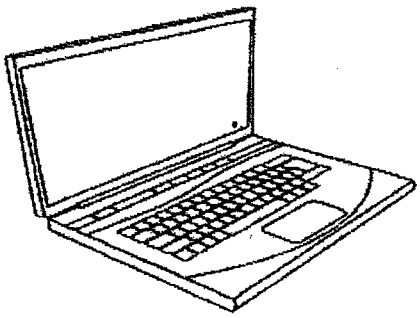
9. The usual price of a laptop was $1580. Wayne bought the laptop at a discount of 20%.



Discount: 20%

(a) What was the discounted price of the laptop?

(b) There was a 7% GST on the discounted price.
How much did Wayne pay for the laptop?

Ans: (a) _____ [2]

(b) _____ [2]

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10. The selling price of each Model Z car was $168 000. For every car that Mr Fadil sold, he earned 1.2% of the selling price. In July, Mr Fadil earned a total of $8064 from selling Model Z cars. How many Model Z cars did Mr Fadil sell in July?

Ans: _____ [4]

SCHOOL : NAN HUA PRIMARY SCHOOL
LEVEL : PRIMARY 5
SUBJECT : MATHEMATICS
TERM : 2022 WA3

Section A

Q1	40 – 17 = 23 $\frac{23}{40}$ = 57.5%
Q2	100% − 22% = 78% 78% = 312 1% = 312 ÷ 78 = 4 100% = 4 × 100 = 400 stamps
Q3	$\frac{60}{100} = \frac{6}{10} = \frac{18}{30}$ 18 – 7 = 11
Q4	$699 x 7% = $48.93
Q5	$45500 x 2.2% = $1001 $45500 + $1001 = $46501

Section B

Q6)	100% - 55% = 45% 1300 x 45% = 585 585 ÷ 3 = 195 stamps
Q7)	Total time spent in Science centre : 30min + 40min + 45min + 50min + 30min + 45min = 240min Future Makers + Smart Nation Playscape : 45min + 45min = 90min $\frac{90}{240} = \frac{9}{24} = \frac{3}{8}$ = 37.5 %

Q8)	Spent on Apartment rent : $6300 x 30% = $1890 Saves : $6300 x $\frac{3}{7}$ = $2700 Food & transport : $6300 - $2700 - $1890 = $1710
Q9)	a) $1580 x 20% = $316 $1580 - $316 = $1264 b) $1264 x 7% = $88.48 $88.48 + $1264 = $1352.48
Q10)	$168000 x 1.2% = $2016 $8064 ÷ $2016 = 4 Every car, Mr Fadil earns = $168000 x 1.2% = $2016 $8064 ÷ $2016 = 4cars