Calculator allowed

**Nan Hua Primary School**
**Primary 5 Mathematics**
**Term 3 Weighted Assessment 2021**

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

**Name:** _____ (  )

**Class:** Primary 5M_____

**Date:** _____

**Duration:** 50 minutes

_____
Parent's Signature

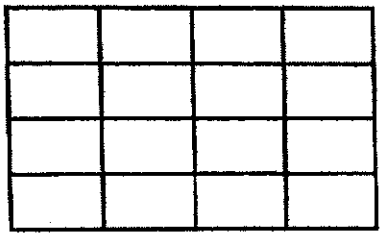
**Answer all questions.**

**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 figure below is made up of 16 identical rectangles.
   What percentage of the figure is shaded?



Ans: _____%

2. Alice had $220. She spent 35% of her money on a pair of shoes. How much money did she have left?

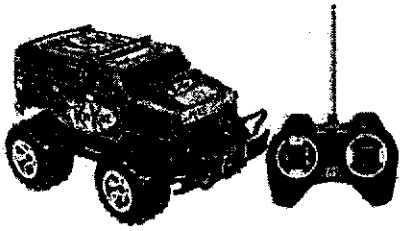
Ans: $_____

Calculator allowed

3. There are 1280 students in a school. 60% of the students are boys. How many girls are there?

Ans: _____

4. The usual price of a remote toy car before GST is $140. GST is 7%. How much is the GST?



Ans: $_____

5. Celine has $800 in her savings account. She earns 2.5% interest each year. Find the amount of interest Celine gets after one year.

Ans: $_____

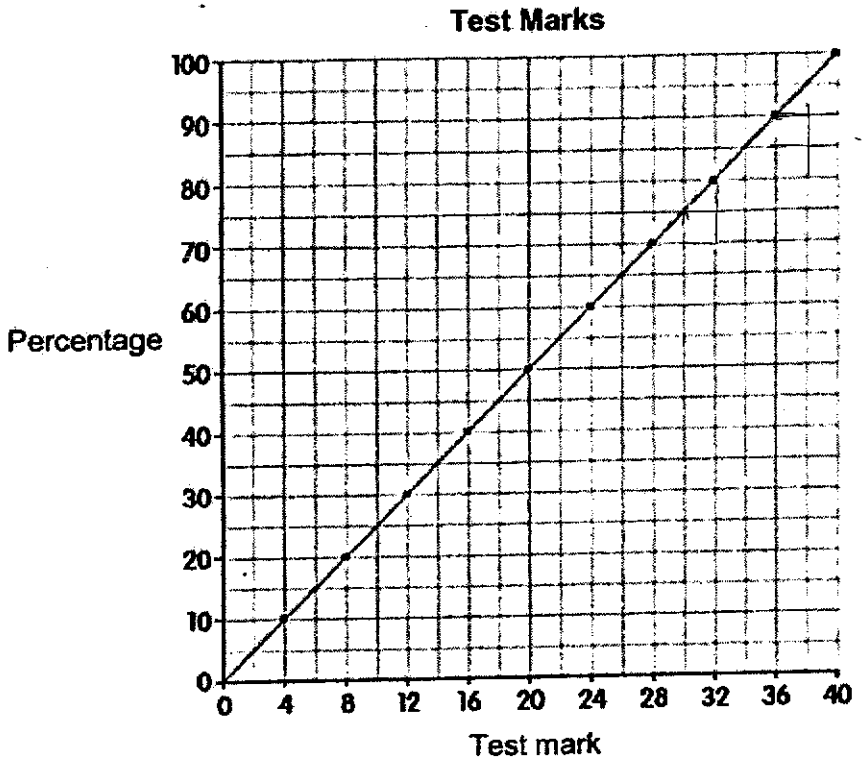
Calculator allowed

**Section B (15 marks)**

Questions **6** to **8** carry 2 marks each. Questions **9** to **11** carry 3 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.

---

6. The graph below can be used to convert test marks into percentages.
   All marks are in whole numbers.




(a) Joelle scored 65%. How many marks did she get?

(b) Grade A is given to students who scored 90% or more.

Grade B is given to students who scored 75% or more, but less than 90%.

Kate scored B for the test. What is one possible mark that Kate had scored?

Ans: (a) _____

(b) _____

Calculator allowed

7. Mrs Rajoo bought 5 m of ribbon. She used 35% of the ribbon to tie 5 boxes. The length of ribbon used to tie each box was the same. What was the length of the ribbon used to tie each box?

Ans: _____ m

8. Store A and Store B are participating in Great Singapore Sale. The same dress is on sale in both Store A and B. The usual price of the dress in both store is $80.

| Store A | Store B |
|---|---|
|   |   |

Only one statement below is correct. Put a tick (√) in the box beside the correct statement.

| Statement | Tick (√) |
|---|---|
| (i) The discounted price for the dress in Store A is higher than the discounted price for the dress in Store B. | |
| (ii) The discounted price for the dress in Store B is higher than the discounted price for the dress in Store A. | |
| (ii) The discount for the dress in both Store A and Store B is the same. | |

Calculator allowed

9. 95 girls and 65 boys participated in an International Art competition. 40% of the participants are Singaporeans. How many Singaporeans participated in the competition?

Ans: _____ [3]

10. John went to a toy store to buy 1 toy gun and 1 toy car. The store was having a 35% discount for all toys. The receipt below reflects the usual price of the toys.

| ABC Store Receipt | |
|---|---|
| Item: | |
| 1 Toy Gun | $45 |
| 1 Toy Car | $20 |
| | |
| Total: | |
| 35% Discount: | (a) |
| Amount due: | (b) |

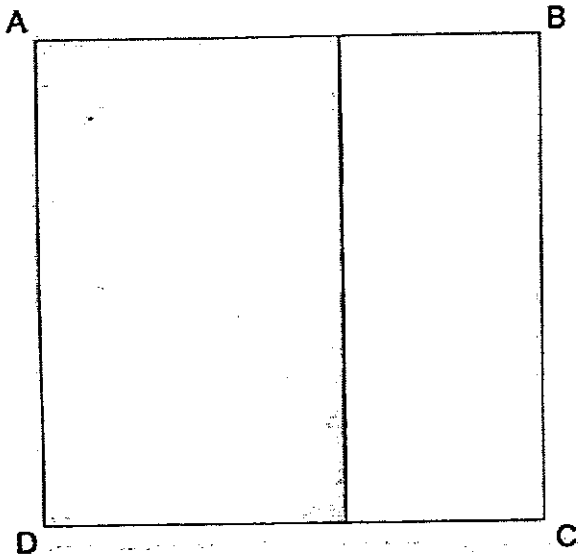
(a) How much was the discount for the 2 toys?
(b) How much did John pay for the 2 toys after 35% discount?

Ans: (a) _____ [2]

(b) _____ [1]

Calculator allowed

11. In the figure below not drawn to scale, ABCD is a square and its area is 100 $cm^2$.
The shaded area is a rectangle.
The area of the shaded rectangle is 60% of the area of ABCD.
Find the perimeter of the shaded rectangle.




Ans: _____[3]

SCHOOL : NAN HUA PRIMARY SCHOOL
LEVEL : PRIMARY 5
SUBJECT : MATH
TERM : 2021 TERM 3

---

1)16 rect→100%

1 rect→100 ÷ 16 = 6.25

5 rect→6.25 x 5 = 31.25%

2) $\frac{35}{100}$ x 220 = 77

220 – 77 = 143

She have $143 left.

3)girls→100% - 60% = 40%

$\frac{40}{100}$ x 1280 = 512

There are 512 girls.

4) $\frac{7}{100}$ x 140 = $9.80

The GST is $9.80

5) $\frac{2.5}{800}$ x 100 = $20

The interest is $20

6)a)Joelle scored 26 marks

b)85

7) $\frac{35}{100}$ x 5m = 1.75

1.75m ÷ 5m = 0.35

The length of each ribbon is 0.35m

8)i)V

9)95 + 65 = 160

$\frac{40}{100}$ x 160 = 64

64 Singaporeans participated in the competition.

10)a)total→45 + 20 = 65

1%-->65 ÷ 100 = 0.65

35% →0.65 x 35 = $22.75

b)100 – 35 = 65

65% →65 x 0.65 = $42.25

11)100% →100cm2

1% →100 ÷ 100 = 1cm2

60% →1 x 60 = 60cm2

60 ÷ 10 = 6

6 + 6 + 10 + 10 = 32cm

The perimeter of shaded is 32cm