Red Swastika School
Primary 5
Class Test 2
Mathematics

40

Name: _____ ( ) **Date:** ___ August 2022

Class: _____ **Duration:** 40 minutes

(Use of calculator is not allowed)

Parent's Signature: _____

Questions 1 to 10 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4) and write its number in the brackets provided. (20 marks)

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1 What is the missing number in the ratio below?

27 : ? = 9 : 21

(1) 81
(2) 63
(3) 3
(4) 7

( )

2 What is 80% of 40?

(1) 12
(2) 32
(3) 50
(4) 200

( )

3 Express 65.09 km in kilometres and metres.

(1) 65 km 9 m
(2) 65 km 90 m
(3) 65 km 900 m
(4) 650 km 90 m

( )

6

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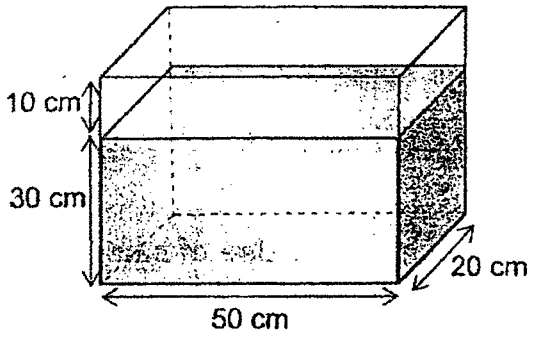
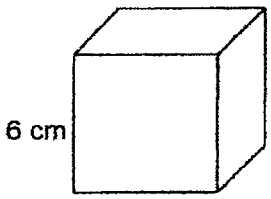
4 Find the volume of water in the tank.



(1) 1000 cm^3
(2) 10 000 cm^3
(3) 30 000 cm^3
(4) 40 000 cm^3 ( )

5 The length of one side of a cube is 6 cm. Find the volume of the cube.



(1) 24 cm^3
(2) 36 cm^3
(3) 144 cm^3
(4) 216 cm^3 ( )

6 A piece of ribbon was 1.88 m long. Ms Tan cut off 0.74 m of the ribbon to tie a present. She then used the remaining ribbon to make 20 identical keychains. Find the length of ribbon used to make one keychain.

(1) 0.057 m
(2) 0.131 m
(3) 0.57 m
(4) 1.14 m ( )

6

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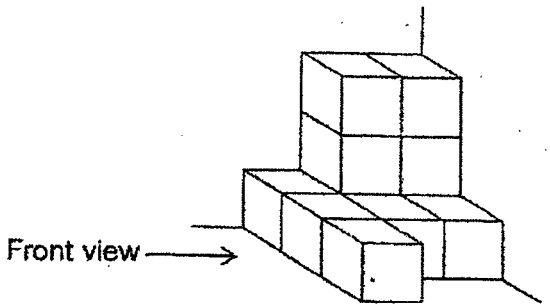
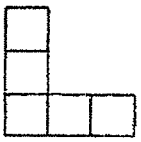
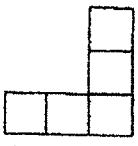
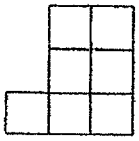
7 Mabel formed a solid using identical cubes as shown below.

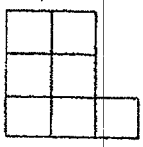


Which of the following shows the front view of the solid?

(1) 

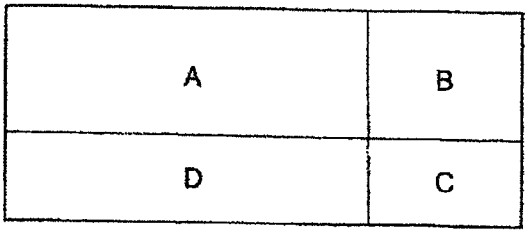
(2) 

(3) 

(4) 

( )

8 The figure below is made up of four rectangles A, B, C and D. The ratio of the area of rectangle B to the area of rectangle C is 3 : 2. If the area of rectangle D is 36 cm^2, find the area of rectangle A.



(1) 12 cm^2
(2) 18 cm^2
(3) 24 cm^2
(4) 54 cm^2

( )

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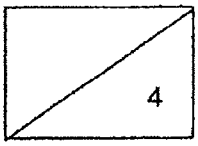
9 The usual price of a television set was $2000. John bought the television set at a discount of 20%. However, he had to pay 7% GST. How much did John pay for the television set?

(1) $ 1460
(2) $ 1712
(3) $ 1740
(4) $ 2140 ( )

10 A pen and an eraser cost $1.50. Min Yi paid $18 for 15 pens and 10 erasers. Jun Jie bought 3 erasers. Find the amount Jun Jie paid.

(1) $ 0.90
(2) $ 1.80
(3) $ 2.70
(4) $ 3.00 ( )



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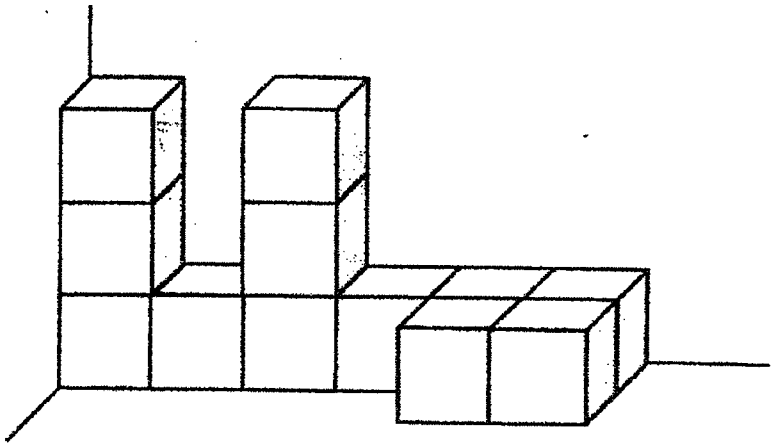
Questions **11** to **16** carry 2 marks each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (12 marks)

11 How many cubes are used to form the solid shown below?



Ans: _____

12 Find the value of:

(a) 1.048 × 300 = _____

(b) 9028 cm = _____ m

Ans: (a) _____

(b) _____

4

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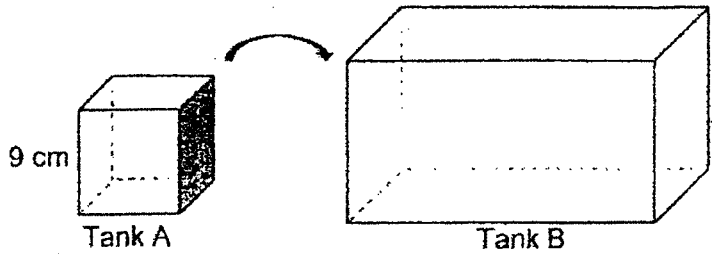
13 Tank A, a cubical tank of side 9 cm, was fully filled with water. Mrs Tan poured all the water from Tank A into an empty Tank B until Tank B was $\frac{3}{5}$ filled with water. What was the capacity of Tank B?



Ans: _____ cm^3

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14 Ali, Bob and Charles cycled a total distance of 25.2 km during a trip. Ali cycled 0.4 km less than Bob. Charles cycled twice the distance of what Bob cycled. Find the distance Ali cycled.

Ans: _____ km

4

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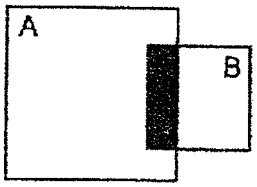
15 The figure below consists of 2 squares. The ratio of the area of square A to the area of square B is 3 : 1. Given that $\frac{1}{12}$ of square A is shaded, what is the ratio of the area of square B to the area of the whole figure?



Ans: _____

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16 Mr Lim baked a total of 1200 tuna pies and chicken pies. He sold 80% of the pies. 60% of the pies sold were chicken pies. There were 40 chicken pies left unsold. How many chicken pies did Mr Lim bake at first?

Ans: _____

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For Questions 17 and 18, show your workings clearly in the space below 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.

(8 marks)

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17 The ratio of the number of cars to the number of motorcycles at a carpark is 3 : 4. Each motorcycle has 2 wheels and each car has 4 wheels. There are 800 wheels altogether. How many motorcycles are there?

Ans: _____

4

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18 Hwee Ling had $6000. She spent 30% of her money and saved the remaining amount in her bank account. The bank paid an interest of 2% at the end of each year. How much interest did Hwee Ling earn at the end of one year?

Ans: _____

END OF PAPER

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YEAR : 2022
LEVEL : PRIMARY 5
SCHOOL : RED SWASTIKA SCHOOL
SUBJECT : MATHEMATICS
TERM. : CLASS TEST 2

Q1	2	Q2	2	Q3	2	Q4	3	Q5	4
Q6	1	Q7	1	Q8	4	Q9	1	Q10	3

Q11	12	Q12	a) 314.4 b) 90.28m
Q13	9 x 9 x 9 = 81 x 9 = 727 $\frac{3}{5}$: 729 $\frac{1}{5}$: 729 ÷ 3 = 243 $\frac{5}{5}$: 243 x 5 = 1215cm^3	Q14	0.4 x 3 = 1.2 25.2 – 1.2 = 24 24 ÷ 4 = 6km
Q15	A : B 3 : 1 12 : 4 total figure : 12 + 4 – 1 = 15 4 : 15	Q16	$\frac{80}{100}$ x 1200 = 80 x 12 = 960 $\frac{60}{100}$ x 960 =576 576 + 40 = 616 chicken pies
Q17	how many sets make up 800 wheels no. of sets : 80 ÷ 20 = 40 no. of motorcycles : 40 x 4 = 160	Q18	70% : $\frac{70}{100}$ x 6000 = 4200 2% : $\frac{2}{200}$ x 4200 = $84

2

END

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