Anglo-Chinese School
(Junior)

WEIGHTED BITE-SIZED ASSESSMENT 3 (2022)
PRIMARY 5

MATHEMATICS

Friday   19 August 2022   45 min

INSTRUCTIONS TO PUPILS

DO NOT TURN OVER THE PAGES UNTIL YOU ARE TOLD TO DO SO

Follow all instructions carefully.

There are 13 questions in this booklet.

Answer ALL questions.

You are not allowed to use a calculator.

Name: _____

Class: 5 _____

Parent's _____

Section	Possible Marks	Marks Obtained
A	7	
B	7	
C	11	
TOTAL	25	

This question paper consists of 8 printed pages. (Inclusive of cover page)

Questions 1 to 3 carry 1 mark each.
Questions 4 to 5 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). (7 marks)

1. Express 2.5% as a decimal.

    1) 0.025

    2) 0.25

    3) 2.5

    4) 25.0   (   )

2. Express $\frac{3}{4}$ as a percentage.

    1) 3.4%

    2) 34%

    3) 7.5%

    4) 75%   (   )

3. The table shows the local parcel delivery charges. What is the delivery charge for delivering a parcel with a mass of 5.5 kg?

Mass Step Not Over	Charge
1 kg	$10
2 kg	$18
5 kg	$42
Per additional step of 1 kg or part thereof	$8

    1) $50

    2) $52

    3) $60

    4) $78   (   )

2   Sub-Total: [   ]

4. A wire measuring 624 m was cut by a machine into 600 equal pieces. What was the total length of 10 pieces?

1) 0.14 m

2) 1.04 m

3) 10.4 m

4) 104 m   (   )

5. The average mass of 4 girls is 36 kg and the average mass of 2 boys is 54 kg. What is the average mass of these 6 children?

1) 90 kg

2) 47 kg

3) 42 kg

4) 30 kg   (   )

3   Sub-Total: [   ]

Questions 6 to 8 carry 1 mark each.
Questions 9 to 10 carry 2 marks each.
Show your working clearly in the space provided for each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (7 marks)

6. Find the value of 0.002 x 5000.

Answer : _____

7. The average mass of two boxes is 1054 g. What is the total mass of the boxes? Give your answer in kilograms.
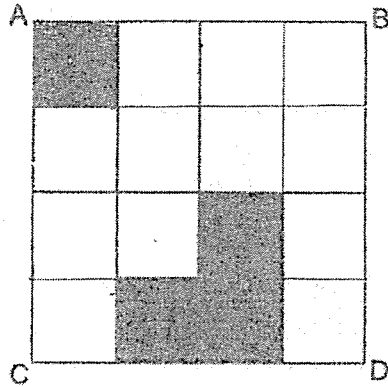
Answer :_____ kg

8. The average of two numbers is 37. One of the numbers is 14. What is the other number?

Answer : _____

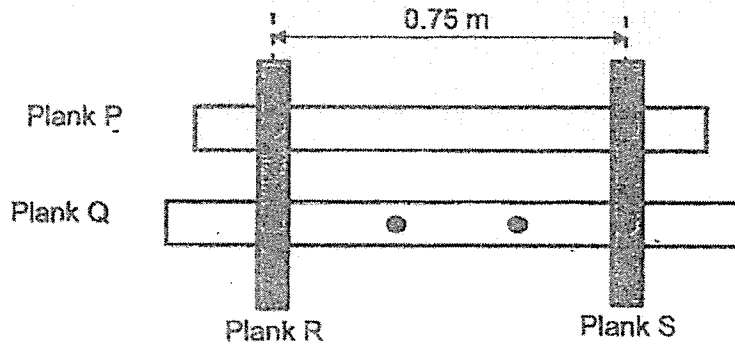4   Sub-Total: [   ]

9. The figure below, ABCD, is made up of squares and rectangles. What percentage of ABCD is shaded?

Answer : _____ %

10. Kayel nailed Plank P, Q, R and S to make a frame.
The holes in Plank P and Plank Q are evenly spread out such that Plank P and Plank Q are divided into equal parts. The holes in Plank P are 0.75 m apart.
What is the length of Plank Q?
Give your answer in centimetres.

Answer : _____ cm

5   Sub-Total:

For questions 11 to 13, 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. (11 marks)

11. The table below shows the amount that the library charges for each library book that is overdue. Raees borrowed a few books from the library. The books were 9 days overdue when he returned them. He paid a total of $12 for the overdue books. How many books were overdue?

Charges for each overdue book	
For the first 7 days	20¢ per day
After 7 days	30¢ per day

Ans: _____ [3]

Sub-Total:

12. There were 120 beads in a box. 60% of the beads are red and the rest are blue.

(a) How many red beads are there in the box?

(b) After 21 red beads and some blue beads were removed from the box, there were 3 times as many red beads as blue beads left. How many blue beads were removed from the box?

Ans: (a) _____ [1]

(b)_____ [3]

7   Sub-Total:

13. At a fruit stall, a fruit seller packed and sold these fruits at the prices shown.

Kiwis	3 for $3.25
Pears	2 for $1.50

The fruit seller sold an equal number of kiwis and pears. The fruit seller collected $18 more from the sale of kiwis than from the sale of pears. How many kiwis were sold?

Ans: _____ [4]

~ End of Paper ~

8   Sub-Total:

YEAR : 2022
LEVEL : PRIMARY 5
SCHOOL : ANGLO-CHINESE SCHOOL (JUNIOR)
SUBJECT : MATHEMATICS
TERM. : WEIGHTED BITE-SIZED ASSESSMENT 3

Q1	1	Q2	4	Q3	1	Q4	3	Q5	3

Q6	$0.001 \times 5000 = 5$ $5 \times 2 = 10$
Q7	$1054 \times 2 = 2108g$ $2108g = 2.108kg$
Q8	$37 \times 2 = 74$ $74 - 14 = 60$
Q9	$4 \div 16 = 0.25$ $0.25 = 25\%$
Q10	$0.75 \div 3 = 0.25$ $0.25 \times 5 = 1.25$ $1.25m = 125 cm$
Q11	First 7 days : $0.20 \times 7 = 1.40$ last 2 days : $0.30 \times 2 = 0.60$ 1 book overdue for 9 days : $0.60 + 1.40 = 2$ No. of book that were overdue = $12 \div 2 = 6$ There were 6 books overdue.

Q12	a)	red beads : $\frac{60}{100} \times 120 = 72$ red beads
	b)	Blue beads : $120 - 72 = 48$ 3u : $72 - 21 = 51$ 1u : $51 \div 3 = 17$ Blue beads removed $48 - 17 = 31$ There were 31 blue beads removed from the box.

Q13	3k : 3.25 6k : 6.50 Pear : cost 2P : 1.50 6P : 4.50 diff : $6.50 - 4.50 = 2$ $18 \div 2 = 9$ $9 \times 6 = 54$ 54 kiwis were sold.

3
END