Anglo-Chinese School (Junior)

WEIGHTED BITE-SIZED ASSESSMENT 3 (2021)
PRIMARY 5

MATHEMATICS

| Friday | 20 August 2021 | 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 Signature: _____

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. Which of the following numbers is the largest?

    1) 0.8

    2) 0.72

    3) 0.098

    4) 0.605   (   )

2. Express 0.91 as a percentage.

    1) 0.091%

    2) 9.1 %

    3) 91%

    4) 910%   (   )

3. Mrs Tan bought 3 chickens weighing 1.5 kg, 1.55 kg and 2.35 kg. What is the average weight of the 3 chickens?

    1) 1.5 kg

    2) 1.8 kg

    3) 2.7 kg

    4) 5.4 kg   (   )

2   Sub-Total:

4. 15.9 ℓ of paint was used to paint 6 identical doors. How much paint was used to paint each door? Give your answer in *mℓ*.

    1) 990 *mℓ*

    2) 2190 *mℓ*

    3) 2650 *mℓ*

    4) 9540 *mℓ*   (   )

5. Peter can peel 5 apples in 300 seconds. At this rate, how long does he take to peel 12 apples?

    1) 600 s

    2) 720 s

    3) 1240 s

    4) 1500 s   (   )

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 $19.08 \div 60$.

Answer : _____

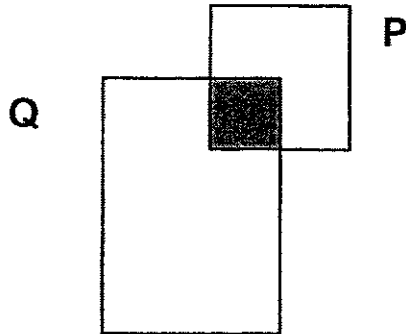7.   The average volume of water in 5 bottles was $0.95\ \ell$. What was the total volume of water in the bottles?

Answer : _____ ℓ

8.   The sum of four numbers is 1075. One of the numbers is 250. What is the average of the other three numbers?

Answer : _____

4   Sub-Total: [   ]

9. The area of square P is 36 cm². The area of rectangle Q is 90 cm². The area of square P is 4 times the area of the shaded part. What percentage of rectangle Q is shaded?

Answer : _____%

10. Ms Devi went to the supermarket to buy exactly 24 apples. The apples were sold at $0.45 each or in bags of 5 at $2 per bag. What was the smallest amount of money that she could have spent on the apples?

Answer : $_____

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. Matthew and Jillian started saving on the same day and for the same number of days. Jillian saved $8 each day and Matthew saved $5 each day. In the end, Jillian saved $96 more than Matthew did. How much did Jillian save?

Ans: _____ [3]

6   Sub-Total:

12. Kim bought 4 rulers and 2 pens for $14.50. The cost of each pen is 3 times the cost of each ruler. Find the cost of one pen.

Ans: _____[4]

7   Sub-Total: [   ]

13. A bottle contained some red, blue and yellow buttons. $\frac{3}{5}$ of all the buttons were red. The number of blue buttons was 3 times the number of yellow buttons. There were 60 more red buttons than yellow buttons.

(a) How many buttons were there in the bottle altogether?

(b) What percentage of the buttons were blue?

(b)_____ [2]

~ End of Paper ~

8   Sub-Total: [   ]

SCHOOL   :   ANGLO CHINESE PRIMARY SCHOOL
LEVEL   :   PRIMARY 5
SUBJECT   :   MATH
TERM   :   2021 WA3

Q 1	Q2	Q3	Q4	Q5
1	3	2	3	2

Q6)	$19.08 \div 60 = 0.310$ Ans: 0.310
Q7)	$0.95 \times 5 = 4.75$ Ans: 4.75ℓ
Q8)	$1075 - 250 = 825$ Average $= 825 \div 3$ $\quad\quad\quad\quad = 275$
Q9)	$36 \div 4 = 9$ $\frac{9}{90} \times 100 = 10$ Ans: 10%
Q10)	4 bags of 5 → $8 (20 apples) 4 apples → $0.45 x 4 $\quad\quad\quad\quad = \$1.80$ $8 + $1.80 = $9.80 Ans: $9.80
Q11)	J $8 M $5 ←—96—→ Difference in savings per day → $8 - $5 = $3 No. of days → 96 ÷ 3 = 32 Amount saved by Jillian → 32 x $8 = $256 Jillian saved $256
Q12)	4u $\quad\quad$ 6u 4 rulers + 2 pens → $14.50 P → 3u R → 1u 10u → $14.50 1u → $14.50 ÷ 10 = $1.45 3u → $1.45 x 3 = $4.35 A pen costs $4.35
Q13)	

R ☐☐☐☐☐☐

B ☐☐☐

Y ☐ ←—— 60 ——→

a)
5u = 60
1u = 60 ÷ 5
　 = 12
10u = 12 x 10
　　 = 120
There were 120 buttons altogether.

b)
3u = 12 x 3
　 = 36
$\frac{36}{120}$ x 100 = 30
30% of the buttons were blue

Pg2