Anglo-Chinese School (Junior)

NON-WEIGHTED BITE-SIZED ASSESSMENT 2 (2024)

PRIMARY 6

MATHEMATICS

Tuesday **7 May 2024** **50 min**

Name: _____ ( )

Class: 6.( )

INSTRUCTIONS TO PUPILS

1 Do not turn over the pages until you are told to do so.

2 Follow all instructions carefully.

3 Answer ALL questions.

4 The use of calculators is <u>not</u> allowed for this paper.

Section	Possible Marks	Marks Obtained
A	10	
B	15	
C	10	
Total	35	

This question paper consists of 13 printed pages (inclusive of cover page).

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Section A

Questions 1 to 4 carry 1 mark each. Questions 5 to 7 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). Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet (OAS). (10 marks)

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1. In 4 978 512, which digit is in the ten thousands place?

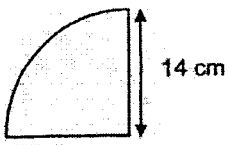
   1) 5

   2) 7

   3) 8

   4) 9

2. The radius of the quadrant shown below is 14 cm. Find the perimeter of the quadrant. Take $\pi = \frac{22}{7}$.



   1) 44 cm

   2) 50 cm

   3) 72 cm

   4) 116 cm

Sub-Total :

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3. Jackson had $20. He spent $8 on a burger.
What percentage of his money did he spend on the burger?

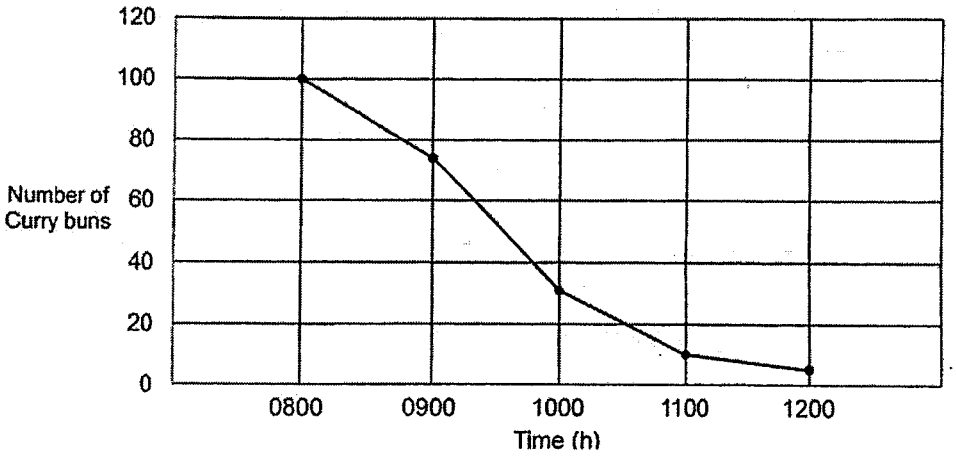
1) 20%

2) 28%

3) 40%

4) 75%

4. A bakery sold curry buns from 0800 to 1200. The line graph shows the amount of curry buns left in the shop from 0800 to 1200.



During which one-hour period were the sales of curry bun the most?

1) 0800 to 0900

2) 0900 to 1000

3) 1000 to 1100

4) 1100 to 1200

Sub-Total :

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5. A number when divided by 20 gives a remainder of 9. Which of the following can be added to the number to change it to a multiple of 5?

1) 5

2) 6

3) 3

4) 4

6. Dickson participated in a stair-climbing competition. After 20 minutes, $\frac{1}{12}$ of the total participants were ahead of him and $\frac{8}{9}$ of them were behind him. One of the participants dropped out of the competition. How many people participated in the competition at the beginning?

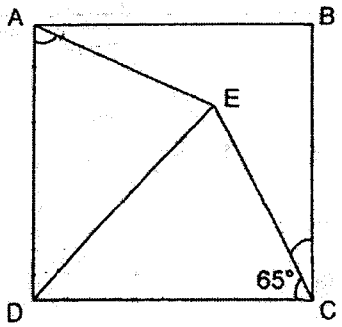
1) 36

2) 72

3) 108

4) 144

7. In the figure, ABCD is a square, CD = ED and ∠DCE = 65°. Find ∠DAE.



1) 50°

2) 55°

3) 65°

4) 70°

Sub-Total :

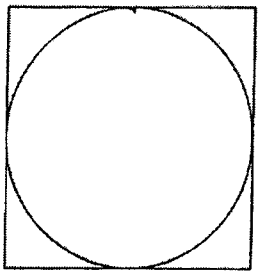
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Section B1

Questions 8 to 12 carry 1 mark each. Write your answers in the spaces provided.
For questions which require units, give your answers in the units stated.

(5 marks)

8. The perimeter of the square is 80 cm, find the area of the circle.
(Take $\pi = 3.14$)



Ans : _____ cm^2

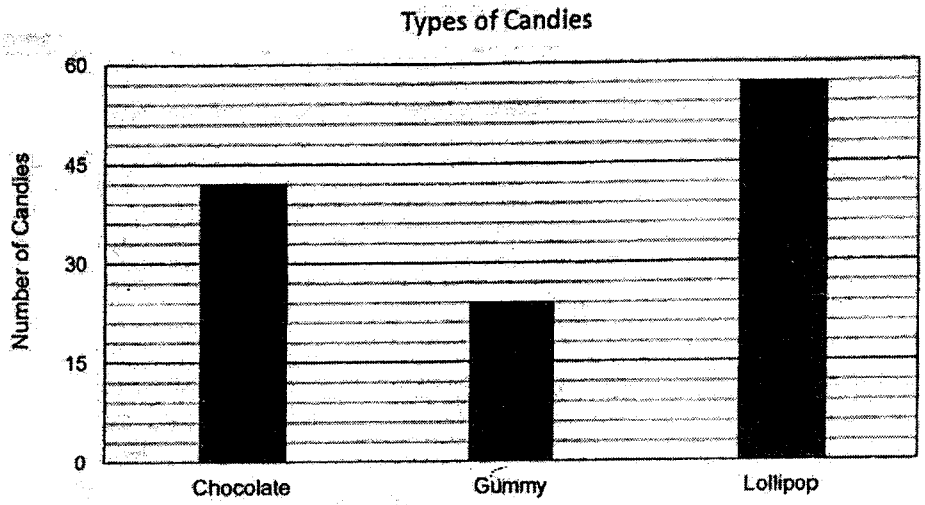
9. Find $\frac{4}{15} \div \frac{2}{5}$.

Ans : _____

Sub-Total : [ ]

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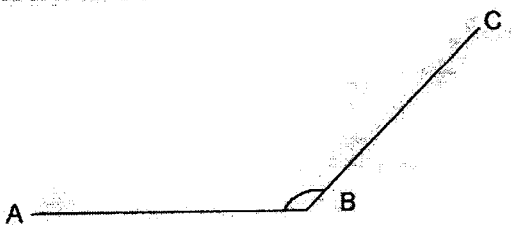
10. A confectionery shop sold some candies on Monday. The graph shows the number of different candies sold.



How many candies did the confectionery shop sold in total?

Ans : _____

11. Measure ∠ABC.



Ans : _____ °

Sub-Total : [ ]

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12. 40% of the fruits in a shop were oranges while the rest were apples. The ratio of the number of green apples to the number of red apples was 1:4. What is the ratio of the number of oranges to the number of green apples to the number of red apples?

Ans : _____

Sub-Total : [ ]

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Section B2

Questions 13 to 17 carry 2 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. (10 marks)

13. A clothing store has a sale. The original price of a pair of pants was $75. The price of the pair of pants during the sale was $60. Find the percentage decrease in price.

Ans : _____ %

14. There are 44 students in a class. 25 of them play the violin and 32 of them play the piano. 7 of them do not play any instruments. How many students play both the violin and the piano?

Ans : _____

Sub-Total : [ ]

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15. Figure 1 is a square made up of four identical shapes shown in Figure 2.

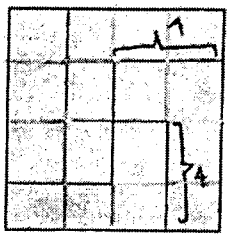


Figure 1

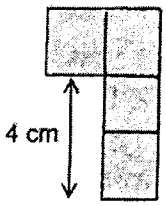
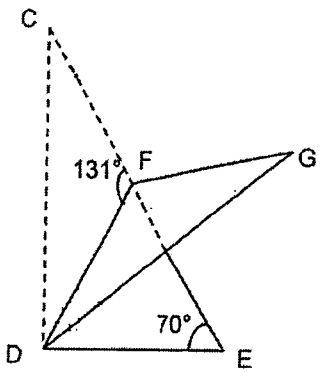


Figure 2

What is the area of the shape in Figure 2?

Ans : _____ cm^2

16. The diagram below is not drawn to scale. CDE is a right-angled triangle. It is folded along DF, forming another triangle DFG. Find ∠FDG.



Ans : _____ °

Sub-Total : [ ]

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17. Grace and Brenda shared some stickers. $\frac{2}{3}$ of Grace's stickers was equal to $\frac{2}{5}$ of Brenda's stickers. Brenda had 14 stickers more than Grace.
How many stickers did Brenda have?

Ans: _____

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Section B

For questions **18** to **20** carry 2 marks each, show your working clearly and write your answers in the spaces provided. You may use a calculator.

(6 marks)

18. The number of students in two classes is shown in the table below.

Class	Number of boys	Number of girls
6A	21	18
6B	16	24

What percentage of the students in class 6B are girls?

Answer: _____ %

19. A rectangular tank measures 23 cm by 13 cm by 18 cm. It is $\frac{1}{3}$ filled with water. Find the volume of water in the tank. Give your answer in litres.

Answer : _____ ℓ

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20. The table below shows the marks scored by 5 boys for an English test.

Name	Marks
Ali	81
Barney	76
Chandra	84
Dan	79
Emmanuel	88

Find the average marks of the 5 boys.

Answer : _____

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SCHOOL : ACS (J) SCHOOL
LEVEL : PRIMARY 6
SUBJECT : MATH
TERM : 2024 WA2

Q1	Q2	Q3	Q4	Q5	Q6	Q7
2	2	3	2	2	2	4

Q8)	**3.14 X 10 X 10 = 314 cm2**
Q9)	$\frac{2}{3}$
Q10)	**42 + 24 + 57 = 123**
Q11)	134°
Q12)	10 : 3 :12
Q13)	$\frac{60}{75}$ **x 100 = 80%** **100% - 80% = 20%**
Q14)	20
Q15)	16cm2
Q16)	29°
Q17)	14 ÷ 2 = 7 7 x 5 = 35
Q18)	60%
Q19)	1.794 L
Q20)	81.6

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