

Anglo-Chinese School  
(Junior)



NON-WEIGHTED BITE-SIZED ASSESSMENT 1 (2025)

PRIMARY 6

MATHEMATICS

Tuesday

11 March 2025

50 min

Name: \_\_\_\_\_ ( )

Class: 6.( )

Parent's Signature: \_\_\_\_\_

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 not allowed for this paper.

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

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This question paper consists of 11 printed pages (inclusive of cover page).

**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)

1.  $\frac{5}{8} \div \frac{1}{2} = \underline{\hspace{2cm}}$

1)  $\frac{5}{16}$

2)  $\frac{4}{5}$

3)  $1\frac{1}{4}$

4)  $3\frac{1}{5}$

2. Find the value of  $16 \times 3 + (18 + 33) \div 3$ .

1) 65

2) 77

3) 288

4) 320

3.  $\frac{1}{2}$  of P is equal to  $\frac{1}{5}$  of Q. What is the ratio of P : Q?

- 1) 1 : 5
- 2) 1 : 7
- 3) 2 : 5
- 4) 2 : 7

4. Mr Wong had  $\frac{1}{4}$  litres of paint. He used  $\frac{1}{3}$  of it to paint a chair. How many litres of paint was he left with?

- 1)  $\frac{1}{6}$
- 2)  $\frac{1}{12}$
- 3)  $\frac{7}{12}$
- 4)  $\frac{11}{12}$

5. 91% of the participants at a carnival were children. There were 316 men and 503 women at the carnival. How many participants were there altogether?

- 1) 819
- 2) 900
- 3) 8281
- 4) 9100

6. The ratio of Ahmad's savings to Ben's savings is 2 : 3. The ratio of Ahmad's savings to Chong's saving is 3 : 5. What is the ratio of Ben's savings to Chong's savings?

- 1) 2 : 5
- 2) 3 : 5
- 3) 5 : 8
- 4) 9 : 10

7. Mariam was given  $\frac{3}{8}$  of a cake and Nathan was given  $\frac{3}{10}$  of the remaining cake. The rest of the cake was shared equally between their two friends. What fraction of the cake did each friend get?

- 1)  $\frac{3}{16}$
- 2)  $\frac{7}{16}$
- 3)  $\frac{7}{32}$
- 4)  $\frac{9}{32}$

**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. A piece of cloth is 6 m long. Kelly cut it into smaller pieces of length  $\frac{1}{8}$  m to make rags. How many pieces of rags did she get?

Ans: \_\_\_\_\_

9.  $27 : \square : 54 = 3 : 7 : 6$   
What is the missing number in the box?

Ans: \_\_\_\_\_

10. Find the value of  $7840 \div 40$

Ans: \_\_\_\_\_

5

Sub-Total :

11. In a class of 40 students, 15 students take the school bus to school. What percentage of the students take the school bus to school?

Ans: \_\_\_\_\_ %

12. The ratio of the length of a rectangle to its breadth is 4 : 3. Express the length of the rectangle as a fraction of its perimeter. Give your answer in its simplest form.

Ans: \_\_\_\_\_

**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.  $\frac{2}{9}$  of a number is 50. What is the  $\frac{1}{5}$  of the number?

Ans: \_\_\_\_\_

14. Mason and Peter had a total of 210 stickers. Mason had 6 times as many stickers as Peter. How many more stickers did Mason have than Peter?

Ans: \_\_\_\_\_

15. ABC Mega Mall had a storewide sale of 70%. Mrs Suresh paid \$570 for a laptop during the sale. What was the usual price of the laptop?

Ans: \$ \_\_\_\_\_

Sub-Total :

16. The table below shows the prices of 3 rice dishes. Uncle Roger ordered two different types of rice dishes and paid a total of \$13.08, including GST. Which 2 rice dishes did he order?

| Dish         | Price  | GST |
|--------------|--------|-----|
| Chicken Rice | \$5.00 | 9%  |
| Duck Rice    | \$6.00 |     |
| Fried Rice   | \$7.00 |     |

Ans: \_\_\_\_\_ & \_\_\_\_\_

17. Ali, Ben and Carl shared 390 stamps. Each of them received another 44 stamps. In the end, the ratio of the number of stamps shared by Ali, Ben and Carl was 2 : 3 : 4. How many stamps did Carl have in the end?

Ans: \_\_\_\_\_

**Section C**

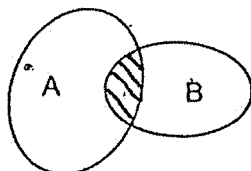
For questions 18 to 20, show your working clearly question and write your answers in the spaces provided. The number of marks available is shown in brackets [ ] at the end of each question or part-question. (10 marks)

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18. Mrs Lee bought some muffins from a shop. The cost of each muffin is \$2. For every 4 muffins she bought, 1 muffin was given free. Mrs Lee paid \$252 altogether. What was the greatest number of muffins Mrs Lee would get from the shop?

Ans: \_\_\_\_\_ [3]

19. The figure below shows Oval A overlapping Oval B. The ratio of the area of Oval A to the shaded area is 7 : 1. The ratio of the area of Oval B to the shaded area is 9 : 2. The area of the shaded area is 8 cm<sup>2</sup>. Find the area of the whole figure.



Ans: \_\_\_\_\_ [3]

20. A bookshop had 654 more pencils than erasers. After  $\frac{2}{3}$  of the pencils and  $\frac{1}{2}$  of the erasers were sold, the total number of pencils and erasers left was 508. How many pencils and erasers did the bookshop have at first?

Ans: \_\_\_\_\_ [4]

End of Paper

11

Sub-Total :

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**SCHOOL : ACS (JUNIOR) SCHOOL**  
**LEVEL : PRIMARY 6**  
**SUBJECT : MATHEMATICS**  
**TERM : 2025 WEIGHTED ASSESSMENT 1**

|    |    |    |    |    |    |    |  |  |  |
|----|----|----|----|----|----|----|--|--|--|
| Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 |  |  |  |
| 3  | 1  | 3  | 1  | 4  | 4  | 3  |  |  |  |

|     |                                                                                                                   |
|-----|-------------------------------------------------------------------------------------------------------------------|
| Q8  | 48                                                                                                                |
| Q9  | 63                                                                                                                |
| Q10 | 196                                                                                                               |
| Q11 | 37.5%                                                                                                             |
| Q12 | $\frac{2}{7}$                                                                                                     |
| Q13 | 45                                                                                                                |
| Q14 | 150                                                                                                               |
| Q15 | \$1900                                                                                                            |
| Q16 | Chicken rice and Fried Rice                                                                                       |
| Q17 | $9u \rightarrow 390 + (3 \times 44) = 522$<br>$u \rightarrow 522 \div 9 = 58$<br>$58 \times 4 = 232$              |
| Q18 | $4 \times 2 = 8$<br>$252 \div 8 = 31 \text{ R } 4$<br>$31 \times 5 = 155$<br>$155 + 2 = 157$                      |
| Q19 | $2u \rightarrow 8 \text{ cm}^2$<br>$u \rightarrow 4 \text{ cm}^2$<br>$21 \times 4 \text{ cm}^2 = 84 \text{ cm}^2$ |
| Q20 | 1350                                                                                                              |

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