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**Anglo-Chinese School
(Primary)**

A Methodist Institution
(Founded 1886)

**Mathematics
Quiz 3
Topics: Rate, Decimals & Percentage
Paper 1**

Name: _____ () Date: _____

Class: Pr 5 _____

Duration: 15 minutes

INSTRUCTIONS TO CANDIDATES

1. This question paper consists of 4 printed pages, including the cover page.
2. Do not turn this page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions.
5. You are not allowed to use a calculator.

Section	Maximum Marks	Marks Obtained
Paper 1		
MCQ and Short Answers	9	
Paper 2		
Problem Sums	21	
Total Marks	30	

Section A:

Questions 1 to 3 carry 1 mark each. For each question, four options are given. One of them is the correct answer. Choose the correct answer and write its number in the brackets provided. (3 marks)

1. Express $\frac{3}{5}$ as a percentage.

- 1) 8%
- 2) 30%
- 3) 3%
- 4) 60%

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2. Which of the following is the same as 2.025 km?

- 1) 2 km 25 m
- 2) 2 km 250 m
- 3) 20 km 25 m
- 4) 20 km 2500 m

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3. The mass of 2 cans of soft drink is 0.768 kg. What is the mass of 40 such cans?

- 1) 0.1536 kg
- 2) 1.536 kg
- 3) 15.36 kg
- 4) 153.6 kg

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Section B:

Questions 4 to 6 carry 2 marks each. Show your mathematical statements clearly in the space provided for each question. Write your answers in the spaces provided. Give your answers to the units stated and to its simplest form whenever necessary. (6 marks)

4. A whiteboard duster and 3 whiteboard markers cost \$11.20. The whiteboard duster costs four times as much as a whiteboard marker. What is the cost of the whiteboard duster?

Ans: \$ _____

5. Nathan had \$1500. He spent \$285 on a suitcase and the rest of the money on a watch. What percentage of her money did he spend on the watch?

Ans: _____ %

6. Thomas borrowed \$5000 from a bank at an interest rate of 3.4% per year. How much will he owe the bank after one year, including interest?

Ans: \$ _____

- End of Paper 1 -



Anglo-Chinese School
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Mathematics
Quiz 3
Topics: Rate, Decimals & Percentage
Paper 2

Name: _____ () Date: _____

Class: Pr 5 ____

Duration: 40 minutes

INSTRUCTIONS TO CANDIDATES

1. This question paper consists of 6 printed pages, including the cover page.
2. Do not turn this page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions.
5. You are allowed to use a calculator.

Section C:

For questions 7 to 12, show your mathematical statements clearly in the space provided for each question. Write your answers in the spaces provided. Give your answers to the units stated and to its simplest form whenever necessary. (21 marks)

7. Use the information below to answer the questions that follow

DAZZLE THEME PARK

Entrance fees:

Adult: \$16.80

Child: \$8
(Ages 12 and below)

Weekend Family Package

2 adults: \$34

First 4 children: \$7.80 each

Additional child: \$7 each

Senior citizens of ages 60 and above: Free

On Saturday, Mr Stevenson, his wife, and their 5 children, aged 12 and below and his 60-year-old parents visited the theme park. How much did Mr Stevenson pay using the Weekend Family Package?

Ans: _____ [3]

8. 840 students went for a summer camp. 35% of the students were in Primary 4, 50% of the remainder were in Primary 5 and the rest were in Primary 6.
How many Primary 5 students went for the camp?

Ans: _____ [3]

9. In 3 minutes, a colour printer can print 45 colour pages.
At this rate, how many pages can it print in 23 minutes?

Ans: _____ [3]

10. There were 624 women and 336 men on a train.

(a) What percentage of the adults on the train were men?

Ans: (a) _____ [1]

(b) After some women and 25% of the men alighted the train, there was a total of 506 adults who remained on the train. How many women remained on the train?

Ans: (b) _____ [3]

11. The table below shows the parking charges at a shopping mall.

Car Park Rate	
First hour	\$2.73
For every additional 15 minutes	\$0.65
After 6 p.m. per entry	\$3.27

Sam parked his car at the car park from 4.00 p.m. to 6.30 p.m.
How much did he pay?

Ans: _____ [3]

12. John was paid \$0.60 for every cup of bubble tea sold. He was paid an additional of \$12 for every 20 cups of bubble tea sold. How many cups of bubble tea must John sell to earn \$216?

Ans: _____ [5]

- End of Paper 2 -

P5 WA 3 2025

Anglo-Chinese School (Primary)
2025 P5 WA Quiz 3
Rate, Decimals, 4 Operations of Decimals and Percentage
ANSWER KEY

Section A: MCQ (Q1 to Q3) – 3 x 1 Mark each

Q1	4
Q2	1
Q3	3

Section B: Short Answer Questions (Q4 to Q6) – 3 x 2 Marks each

Q4	$11.20 \div 7 = 1.60$ $1.60 \times 4 = 6.40$ _____ M1 Ans: <u>\$6.40</u> _____ A1
Q5	$100\% - \left(\frac{285}{1500} \times 100\%\right) = 81$ _____ M1 OR $1500 - 285 = 1215$ $\frac{1215}{1500} \times 100 = 81$ _____ M1 Ans: <u>81%</u> _____ A1
Q6	$3.4\% \times 5000 = 170$ $170 + 5000 = 5170$ _____ M1 Ans: <u>\$5170</u> _____ A1

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Section C: Problem Sums (Q7 to Q12) – 21 Marks

Q7.	$\$7.80 \times 4 = \31.20 -----	M1
	$\$31.20 + \$31 + \$7 = \69.20 (total) -----	M1
	Ans: <u>\\$69.20</u> -----	A1
	Note: No units minus 0.5 mark	
Q8.	$(\frac{35}{100} \times 840) = 294$ (Primary 4) -----	M1
	$840 - 294 = 546$ (Primary 5 & 6)	
	$(\frac{50}{100} \times 546) = 273$ -----	M1
	OR	
	$546 \div 2 = 273$ -----	M1
	Ans: <u>273</u> -----	A1
	$45 \div 3 = 15$ (number of pages printed in 1 min) -----	M1
	$23 \times 15 = 345$ -----	M1
	Ans: 345 seconds -----	A1
a)	$\frac{336}{(624+336)} \times 100\% = \frac{336}{960} \times 100\%$ $= 35\%$	
	Ans: 35% -----	A1
b)	$(\frac{75}{100} \times 336) = 252$ -----	M1
	$506 - 252$ -----	M1
	$= 254$	
	Ans: 254 -----	A1

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①	$\$0.65 \times 4 = \2.60 (5 p.m. to 6 p.m.) -----	M1
	$\$2.73 + \$2.60 + \$3.27 = \8.60 -----	M1
	Ans: <u>$\\$8.60$</u> -----	A1
	$20 \times \$0.60 = \12 -----	M1
	$\$12 + \$12 = \$24$ -----	M1
	$\$216 \div \$24 = 9$ -----	M1
	$9 \times 20 = 180$ -----	M1
	Ans: <u>180</u> -----	A1

END

