

CA1

**NANYANG PRIMARY SCHOOL  
FIRST CONTINUAL ASSESSMENT 2005  
MATHEMATICS  
PRIMARY FIVE**

Name: \_\_\_\_\_ ( ) Marks : \_\_\_\_\_ /100

Class: Primary 5 ( ) Parent's Signature: \_\_\_\_\_

Date: 3 March 2005

Duration: 2 h 15 min

**Booklet A**

Questions 1 to 10 carry 1 mark each. Questions 11 to 15 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 oval (1, 2, 3 or 4) on the Optical Answer Sheet.

(20 marks)

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1 Find the difference between 469 871 and 234 759. The digit in the ten thousands place is \_\_\_\_\_.

- (1) 1
- (2) 2
- (3) 3
- (4) 5

2 750 hundreds is more than 99 tens by \_\_\_\_\_.

- (1) 65 100
- (2) 74 010
- (3) 74 901
- (4) 75 990

3 How many thousands must you add to 5 million to give you 6 million?

- (1) 10 thousands
- (2) 100 thousands
- (3) 1 000 thousands
- (4) 10 000 thousands

4 Round off the sum of 4 609, 5 567 and 7 565 to the nearest hundred.  
The answer is \_\_\_\_\_.

- (1) 17 700
- (2) 17 740
- (3) 17 800
- (4) 18 000

5 What is the missing number?

$$2\,560 \div 10 = \underline{\hspace{2cm}} \times 8.$$

- (1) 25
- (2) 27
- (3) 32
- (4) 36

6 Find the value of  $19 + 8 \times 15 \div 5 - 3$ .

(1) 40

(2) 72

(3) 78

(4) 79

7 A shopkeeper has 9 boxes of paper. Each box contains 6 reams of paper. Each ream has 300 pieces of paper. How many pieces of paper does the shopkeeper have?

(1) 2 700

(2) 4 500

(3) 16 200

(4) 16 800.

8 1 288 sweets were shared equally among 28 children. How many sweets did each child receive?

(1) 46

(2) 56

(3) 66

(4) 76

- 9 A container has a capacity of 3 litres. It contains  $1\frac{3}{4}$  litres of water. How much more water is needed to fill the container completely?

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

(2)  $1\frac{1}{4}$

(3)  $2\frac{1}{4}$

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

- 10 Ann ate  $2\frac{4}{6}$  of a cake. Her brother ate  $\frac{1}{6}$  of the same cake. What fraction of the cake did they eat altogether?

(1)  $\frac{1}{9}$

(2)  $\frac{1}{3}$

(3)  $\frac{1}{2}$

(4)  $\frac{5}{6}$

**11** What is the missing number?

$$200 \times 78 = 26 \times \underline{\hspace{2cm}} \times 3 \times 4$$

(1) 12

(2) 15

(3) 25

(4) 50

**12** What is the value of  $48 - 54 \div 3 \times 2 + 9$  ?

(1) 21

(2) 25

(3) 41

(4) 69

**13** Jill has 6 times as many stickers as Doreen. Rita has twice as many stickers as Jill. If Rita has 154 more stickers than Doreen, how many stickers does Jill have?

(1) 14

(2) 70

(3) 77

(4) 84

14 Arrange these fractions in descending order.

$$\frac{7}{8}, \frac{12}{13}, \frac{5}{6}, \frac{13}{14}$$

(1)  $\frac{5}{6}, \frac{7}{8}, \frac{12}{13}, \frac{13}{14}$

(2)  $\frac{13}{14}, \frac{12}{13}, \frac{7}{8}, \frac{5}{6}$

(3)  $\frac{7}{8}, \frac{12}{13}, \frac{13}{14}, \frac{5}{6}$

(4)  $\frac{12}{13}, \frac{5}{6}, \frac{13}{14}, \frac{7}{8}$

15 Mrs Lui bought  $3\frac{1}{2}$  kg of flour. After using  $1\frac{5}{8}$  kg to bake some cookies, she bought an additional  $1\frac{1}{4}$  kg of flour. How much flour had she left?

(1)  $1\frac{7}{8}$  kg

(2)  $2\frac{1}{4}$  kg

(3)  $3\frac{1}{8}$  kg

(4)  $3\frac{7}{8}$  kg

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

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**Booklet B**

Questions 16 to 25 carry 1 mark each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

10 marks)

16 Express 6 405 087 in words.

Ans: \_

17  $4\frac{3}{8}$  km = \_\_\_\_\_ m

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

18 What is the missing number?

$$25 + 5 \times \underline{\quad} = 90$$

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

- 19 There are between 20 and 50 chocolate bars in a box. The chocolate bars can be shared equally among 6 or 9 children. How many chocolate bars are there in the box?

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

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- 20 How many three-quarters are there in 3?

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

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- 21 Find the value of  $\frac{7}{8} \times 24$ .

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

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- 22 Apples are packed in 3 layers in a box. Each layer has 6 rows with 12 apples in each row. How many apples are there in the box?

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

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- 23 A baker uses 6 eggs to bake a cake. How many eggs does he need if he wants to bake 48 cakes?

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

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- 24 Mrs Ho spent \$13 000 to make costumes for her pupils to take part in a parade. If each costume costs \$100, how many pupils were there?

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

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- 25 What is the smallest possible number which will give a remainder of 2 when it is divided by either 12 or 15?

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

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Questions 26 to 35 carry 2 marks each. Show your working clearly in the space below each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

(20 marks)

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- 26 Si Hui had 235 sweets. She gave away 39 sweets to her neighbours and ate 12 sweets herself. She then packed the remaining sweets into packets of 23. How many packets of sweets would she have?

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

- 
- 27 Hassan gives \$1 550 of his monthly salary to his wife and spends \$975 on food and transport. He saves the rest of his salary. In 10 months he saves \$19 850. What is Hassan's salary if he saves the same amount each month?

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

- 28 The total cost of a DVD player and a television set is \$1,899. The television set costs \$1,357 more than the DVD player. How much does the DVD player cost?

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

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- 29 Joseph had 9 times as many paperclips as Paul. After Joseph had given 36 paperclips to Paul, they then had the same number of paperclips. How many paperclips did Joseph have at first?

ANS: \_\_\_\_\_

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- 30 A rubber ball is dropped from a height of 20 metres. After each bounce, it only reaches half the height of the previous bounce. What distance has the ball travelled when it touches the ground for the third time?

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

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- 31 Mrs Durai planned to spend  $3\frac{1}{6}$  hours doing her housework. She finished it in  $1\frac{9}{10}$  hours. How much earlier did she finish her housework?

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

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- 32 The total length of two strings is  $\frac{5}{9}$  m. If one string is  $\frac{1}{2}$  m long, what is the length of the other string?

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

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- 33 Siti pours 2 litres of fruit juice equally into 100 cups. How much fruit juice is there in each cup?

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

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For questions 36 to 48, show your working clearly in the space provided for each 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.

(50 marks)

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- 36 In 2004, the owner of XYZ bookstore sold 1 235 485 books, of which 455 055 were children's storybooks and the rest were novels and travel guides. If the owner sold 78 262 travel guides, how many more copies of novels than travel guides did he sell?

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

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- 37 Mani is 33 years old this year. Her son is 24 years younger than she. In how many years' time will Mani be 3 times as old as her son?

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

- 38 Leela went to a café for lunch. Based on the menu below, how many different meals could she choose if she wanted to have a burger, one side order and a drink for her lunch?

<b>Menu</b>		
<u>Burgers</u>	<u>Side Orders</u>	<u>Drinks</u>
Fish fillet	Coleslaw	Cola
Beef	Whipped potato	Orange juice
Chicken	French fries	Hot coffee

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



- 39 For every \$2 000 that his company makes, Mr Lee will donate \$1 000 to charity. If his company makes \$25 000, how much will be donated to charity?

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

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- 40 Wei En is filling two similar pails with water. Each pail is placed under a tap and he turned on both taps at the same time. Water from the first tap flows at a rate of 200 ml every 5 seconds while water from the second tap flows at a rate of 275 ml every 5 seconds. How long will it take for the second tap to fill up 600 ml more water than the first tap?

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

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- 41 Zarina spent  $\frac{1}{5}$  of her weekly allowance on a book. She bought a pen which cost twice as much as the book. If Zarina had \$8 left, what was the amount of money she had at first?

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

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- 42 At a badminton tournament, there were 7 male players to every 5 female players. If there were 34 more male players than female players, how many players took part in the tournament?

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

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- 43 For every dozen glasses that a salesman sells, he earns \$7. He gets an extra \$6 for every 5 dozen glasses sold. How much will he earn if he sells 300 glasses?

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

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- 44 Aminah bought 8 m of cloth to make a dress and 3 blouses. She used  $1\frac{1}{4}$  m for the dress and  $\frac{5}{6}$  m for each blouse. How much cloth had she left? (Leave your answer in centimetres)

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

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**45** Raju had thrice as much money as Ismail. When Raju had spent \$1 024, Ismail found that he had thrice as much money as Raju.

- (a) How much money did Raju have at first?
- (b) How much more money did Raju have than Ismail at first?

Ans: (a) \_\_\_\_\_ [3]

(b) \_\_\_\_\_ [2]

- 46 The total mass of 6 similar dictionaries and 32 similar magazines is 16 kg. If each dictionary is 8 times as heavy as a magazine, find the difference between the mass of such a dictionary and the mass of a such a magazine.

Ans: \_\_\_\_\_ [5]

- 47 In a class of 42 pupils,  $\frac{3}{7}$  are girls.  $\frac{5}{8}$  of the boys are swimmers. If there are 27 swimmers in the class, what fraction of the class is made up of girls who are swimmers?

Ans: \_\_\_\_\_ [5]

- 48 There were a total of 2 145 guppies, goldfish and angelfish in a fish farm. When  $\frac{7}{8}$  of the guppies,  $\frac{5}{6}$  of the goldfish and  $\frac{3}{5}$  of the angelfish were sold, there was an equal number of each type of fish left in the farm. How many more goldfish than angelfish were sold?

Ans: \_\_\_\_\_ [5]

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**END OF PAPER**

Setters: Mrs Amy Chow  
Mrs Rachel Tan

**Nanyang Primary School**  
**Primary 5 Maths CA1 Exam (2005)**

*Answers*

**Answer Sheets**

Q1	Q2	Q3	Q4	Q5
3	2	3	1	3
Q6	Q7	Q8	Q9	Q10
1	3	1	2	4
Q11	Q12	Q13	Q14	Q15
4	1	4	2	3

- |   |   |
|---|---|
| <p>16. Six million, four hundred and five thousand and eighty-seven.</p> <p>17. 4375</p> <p>18. 13</p> <p>19. 36 chocolate bars</p> <p>20. 4</p> <p>21. 21</p> <p>22. 216 apples</p> <p>23. 288 eggs</p> <p>24. 130 pupils</p> <p>25. 62</p> <p>26. 8 packets</p> <p>27. \$4510</p> <p>28. \$271</p> <p>29. 81 paperclips</p> <p>30. 50m</p> <p>31. <math>1\frac{4}{15}</math></p> <p>32. <math>\frac{1}{18}</math></p> | <p>33. 20</p> <p>34. 108000</p> <p>35. 1280</p> <p>36. 623906</p> <p>37. 3 years</p> <p>38. 36 meals</p> <p>39. \$12000</p> <p>40. 45 seconds</p> <p>41. \$20</p> <p>42. 204 players</p> <p>43. \$205</p> <p>44. 425cm</p> <p>45. a) \$1132                      b) \$768</p> <p>46. 1kg 400g</p> <p>47. <math>\frac{6}{21}</math></p> <p>48. 455</p> |
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