

CHONGFU PRIMARY SCHOOL  
FIRST CONTINUAL ASSESSMENT  
MATHEMATICS  
2004  
PRIMARY 5 EM1/2

C87

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

Marks : / 25

Class : Primary 5 ( )

Duration : 2 hours 15 min

Date : 2/3/04

Section A (25 marks)

Questions 1 – 5 carry 1 mark each.

Questions 6 – 15 carry 2 marks each.

For each question, four options are given. One of these is the correct answer. Make your choice (1, 2, 3, 4) and shade the correct oval on the Optical Answer Sheet (OAS).

1. Seventy-seven thousand and seven is the same as \_\_\_\_\_

(1) 777

(2) 7707

(3) 77 000

(4) 77 007

( )

2. 69 905 when rounded off to the nearest thousand is \_\_\_\_\_

(1) 69 000

(2) 69 900

(3) 70 000

(4) 70 905

( )

3. 25 g as a fraction of 1 kg in its lowest terms is \_\_\_\_\_.

(1)  $\frac{1}{25}$

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

(3)  $\frac{1}{40}$

(4)  $\frac{25}{1000}$

4. How many eighths are there in  $3\frac{1}{8}$ ?

(1) 1

(2) 3

(3) 24

(4) 25

5. Sam jogged  $\frac{3}{4}$  km and Jeff jogged  $\frac{7}{10}$  km further than Sam. How far did Jeff jog?

(1)  $\frac{5}{7}$  km

(2)  $\frac{37}{40}$  km

(3)  $1\frac{1}{10}$  km

(4)  $1\frac{9}{20}$  km

6. In 191 901, what is the difference between the values of the digits "9"?

- (1) 8100
- (2) 80 100
- (3) 89 100
- (4) 90 900

7. Sam baked 1000 cupcakes and Eric baked 550 more than Sam. They packed all the cupcakes into packets of 25, how many packets of cupcakes did they pack?

- (1) 12
- (2) 58
- (3) 62
- (4) 102

8. Bob is 16 years older than Mark and 9 years younger than Tom. If their total age is 167, find Bob's age.

- (1) 33 years old
- (2) 42 years old
- (3) 58 years old
- (4) 74 years old

9. Arrange the following fractions in increasing order:  $\frac{7}{8}, \frac{1}{2}, \frac{3}{4}, \frac{5}{16}$

(1)  $\frac{5}{16}, \frac{1}{2}, \frac{3}{4}, \frac{7}{8}$

(2)  $\frac{1}{2}, \frac{3}{4}, \frac{5}{16}, \frac{7}{8}$

(3)  $\frac{1}{2}, \frac{3}{4}, \frac{7}{8}, \frac{5}{16}$

(4)  $\frac{7}{8}, \frac{3}{4}, \frac{1}{2}, \frac{5}{16}$

10. 2000 less than one million is \_\_\_\_\_.

(1) 1999

(2) 9800 tens

(3) 9980 hundreds

(4) 1002 thousands

11. A table and 2 cupboards cost \$888. A table cost \$159 less than a cupboard. Find the total cost of a table and a cupboard.

(1) \$190

(2) \$349

(3) \$539

(4) \$729

12. Which one of the following is the best estimate of  $450\,005 \div 301$ ?

- (1) 15
- (2) 150
- (3) 1500
- (4) 15 000

13. The sum of the first 3 multiples of 19 is \_\_\_\_\_

- (1) 20
- (2) 57
- (3) 95
- (4) 114

14. A 4-m long string was cut into 3 pieces. If the first piece was  $1\frac{7}{10}$  m long and the second piece was  $\frac{5}{6}$  m shorter than the first piece, what was the length of the third piece of string?

- (1)  $1\frac{1}{6}$  m
- (2)  $1\frac{13}{30}$  m
- (3)  $1\frac{7}{15}$  m
- (4)  $2\frac{17}{30}$  m

15. The length of the square field is  $11\frac{1}{4}$  m. Jonathon jogged 3 rounds in the morning and 10 rounds in the evening. How much further did he jog in the evening than the morning?

(1)  $78\frac{3}{4}$  m

(2)  $112\frac{1}{2}$  m

(3) 315 m

(4) 450 m

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CA1

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

Marks : 175

Class : Primary 5 \_\_\_\_\_

Date : 2/3/04 \_\_\_\_\_

Section B (20 marks)

Each question from 16 to 35 carries 1 mark.  
Write your answers in the spaces provided.  
Give your answers in the units stated.

**NOTE: THE FIGURES IN SECTION B AND C ARE NOT DRAWN TO SCALE.**

16. Find the value of  $49 + (25 - 3 \times 6) \div 7 \times 8$ .

Answer: \_\_\_\_\_

17. When a number is multiplied by 27, and 100 is added to it, the result is 775. What is the number?

Answer: \_\_\_\_\_

18. How many thousands are there in half a million?

Answer: \_\_\_\_\_

19. Form the smallest 5-digit number with the digits: 5, 1, 0, 9, 7.

Answer: \_\_\_\_\_

20. Find the smallest whole number that can be divided by 5 and 12 without a remainder.

Answer: \_\_\_\_\_

21. What number should replace the question mark?

7	6
9	
5	3

2	9
64	
8	4

12	10
?	
10	5

Answer: \_\_\_\_\_

22. Find the value of  $50 \div 50 + 5 \div 1 \times 0$ .

Answer: \_\_\_\_\_

23. Arrange these fractions in descending order:  $\frac{5}{2}$ ,  $\frac{1}{4}$ ,  $\frac{1}{9}$ ,  $1\frac{1}{2}$

Answer: \_\_\_\_\_



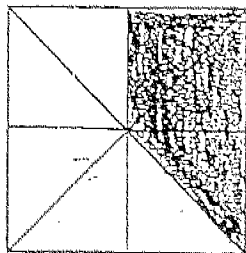
24. Multiply 425 by 300. Round off the answer to the nearest ten thousand.

Answer: \_\_\_\_\_

25.  $800\ 000 \div 80 + 8 + 80\ 000 =$  \_\_\_\_\_

Answer: \_\_\_\_\_

26. What fraction of the square is not shaded?



Answer: \_\_\_\_\_

27. Which is shorter,  $1\frac{2}{3}$  days or 38 h?

Answer: \_\_\_\_\_

28. Write 908 014 in words.

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29. Write six million, eight hundred thousand, four hundred and ninety in figures.

Answer: \_\_\_\_\_

30. Express  $2\frac{3}{8}$  km in kilometres and metres.

Answer: \_\_\_\_\_ km \_\_\_\_\_ m

31. Complete the following number pattern:

66 380, 66 580, 66 780, 66 980, \_\_\_\_\_

Answer: \_\_\_\_\_

32. Write the first 5 multiples of 14.

\_\_\_\_\_

33. What is the highest common factor of 48 and 80?

Answer: \_\_\_\_\_

34. Mrs Chan bought a bag of rice. She used  $\frac{1}{3}$  of it last week and  $\frac{9}{24}$  of it this week.  
What fraction of rice was left?

Answer: \_\_\_\_\_

35. Shawn shared 40 000 stickers equally with his seven friends. How many stickers did each friend receive?

Answer: \_\_\_\_\_ stickers

**Section C (55 marks)**

For each question from 36 to 50, show your working clearly in the space below it and write your answer in the answer space provided.

The number of marks awarded for each question or part question is shown in brackets.

36. Study the pattern of the numbers in the table shown below.

Group	A	B	C	D	E
Number	1	2	3	4	5
	6	7	8	9	10
	11	12	13	14	15
	16	17	18	19	20
	21	22	23	24	25

Find the groups in which the following numbers would come under.

- (a) 38  
(b) 101

Answer: (a) Group \_\_\_\_\_ [1]

(b) Group \_\_\_\_\_ [1]

37. 1 tennis racket and 4 tennis balls cost \$55. A racket costs \$35 more than a tennis ball. Find the cost of a tennis ball.

Answer: \_\_\_\_\_ [2]

38. Patrick had \$36 more than Jayme. Jayme had \$149 less than Kim. If they had \$416 altogether, how much did Jayme have?

Answer: \_\_\_\_\_ [2]

39. John is thrice as old as Dennis. Ben is 6 years younger than Dennis. If their total age is 89 years, find Dennis's age.

Answer: \_\_\_\_\_ [3]

40. Angela bought 4 blouses and a pair of shoes. She gave \$1000 to the cashier and received \$610 in change. If the pair of shoes cost twice as much as each blouse, find the cost of the pair of shoes.

Answer: \_\_\_\_\_ [3]

41. Ada had \$168 and Bala had \$68. After each of them spent the same amount of money, Ada's money was 5 times as much as Bala's money. How much did both of them have left altogether?

Answer: \_\_\_\_\_ [3]

42. Joey won a cash voucher of \$1620 in a lucky draw. She spent  $\frac{4}{9}$  of it on a washing machine,  $\frac{1}{4}$  of it on a sofa and \$360 on a rice cooker. What fraction of the prize money was left?

Answer: \_\_\_\_\_ [4]

43. The length of a rectangle is  $3\frac{1}{4}$  m. The breadth is  $\frac{3}{5}$  of its length. Find the perimeter of the rectangle. (Express your answer in m and cm.)

Answer: \_\_\_\_\_ m \_\_\_\_\_ cm [4]

44. 2400 people went to the theatre to watch a concert. There were twice as many men as women and thrice as many women as children in the concert.
- (a) How many women and men were there in the ~~stadium~~<sup>theatre</sup> altogether?
- (b) How many more men than children were there in the ~~stadium~~<sup>theatre</sup>?

Answer: (a) \_\_\_\_\_ [2]

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

- 45) Liz bought 3 identical blouses and 4 identical skirts. He found that 4 identical blouses and 5 identical skirts cost \$39 more. If each blouse cost \$5 less than each skirt, find the cost of 2 skirts and 1 blouse.

Answer: \_\_\_\_\_ [4]

46. Paul collected two boxes of stamps. One box had 14 870 stamps and the other had 3900 stamps. He packed them into packets of 18.
- (a) How many packets of stamps did he pack?
  - (b) How many stamps were needed to complete the last packet?

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

(b) \_\_\_\_\_ [1]



47.

There were some adults and children at a circus. They were seated in 25 rows with 45 people in each row. There were 250 more men than women at the circus. There were 112 fewer men than children. How many children were there at the circus?

Answer: \_\_\_\_\_ [5]

48. Wendy paid \$96 for 56 honeydews and watermelons. A few days later, 8 watermelons had become rotten. She then had an equal number of honeydews and watermelons. Each honeydew cost \$0.50 more than a watermelon. Find the cost of a honeydew.

Answer: \_\_\_\_\_ [5]

49. Mrs Lim bought  $6\frac{3}{4}$  kg of flour. She needed 300g of flour to make a cake. She used 4 times as much flour to make a cake than to make a muffin. She made 15 cakes and some muffins. If she had 750 g of flour left, how many muffins did she make?

Answer: \_\_\_\_\_ [5]

50.

Alvin had \$70 more than Lydia. If Lydia gave Alvin \$15, Alvin would have thrice as much as money as Lydia. How much did Alvin have at first?

Answers \_\_\_\_\_ (5)

The End

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- 1) 4
- 2) 3
- 3) 3
- 4) 4
- 5) 4
- 6) 3
- 7) 4
- 8) 3
- 9) 1
- 10) 3
- 11) 3
- 12) 3
- 13) 4
- 14) 2
- 15) 3
- 16) 57
- 17) 25
- 18) 500
- 19) 10579
- 20) 60
- 21) 40
- 22) 1
- 23)  $\frac{5}{2}, \frac{1}{2}, \frac{1}{4}, \frac{1}{9}$
- 24) 130000
- 25) 880088
- 26)  $\frac{5}{8}$
- 27) 38h
- 28) Nine hundred and eight thousand and fourteen.
- 29) 6800490
- 30) 3785m
- 31) 67180
- 32) 14 28 40 52 64 76 88 100
- 33) 16

- 34)  $\frac{7}{24}$  kg
- 35) 5000
- 36) a) C  
b) A
- 37) \$4
- 38) \$77
- 39) 19 years old.
- 40) \$130.
- 41) \$50
- 42)  $\frac{1}{12}$
- 43) 65cm
- 44) a) 2160  
b) 1200
- 45) \$61
- 46) a) 1042 packs  
b) 4 stamps
- 47) 533
- 48) \$2
- 49) 20 muffins
- 50) \$135