AI TONG SCHOOL

2008

CONTINUAL ASSESSMENT 1

PRIMARY 4

MATHEMATICS

DURATION : 1 h 45 min

DATE : 29 February 2008

INSTRUCTIONS

Do not open the booklet until you are told to do so.
Follow all instructions.
Answer all questions.

Name : _____ ( )

Class : Primary 4_____

Marks: /100

Parent's Signature : _____

Date : _____

Section 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 with a 2B pencil. (20 marks)

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1. 36 326 is _____ when rounded off to the nearest ten.

1) 36 330
2) 36 320
3) 36 300
4) 36 000

2. Eighteen thousand and five in numerals is _____.

1) 80 005
2) 80 050
3) 18 500
4) 18 005

3. $\frac{1}{6} + \frac{2}{3} =$ _____.

1) $\frac{5}{6}$
2) $\frac{1}{2}$
3) $\frac{1}{3}$
4) $\frac{1}{9}$

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

1) 7
2) 8
3) 12
4) 13

5. In 84 169, the digit 1 is in the _____ place.

1) ten thousands
2) thousands
3) hundreds
4) tens

6. The product of 48 and 237 is _____ .

1) 9926
2) 10 926
3) 11 326
4) 11 376

7. What is the remainder when 8954 is divided by 3?

1) 0
2) 2
3) 2984
4) 29 842

8. Which one of the following fractions is the smallest in value?

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

2) $\frac{7}{12}$

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

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

9. Which one of the following fractions does not have the same value as the others?

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

2) $\frac{2}{8}$

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

4) $\frac{4}{16}$

10. $\frac{2}{3} = \frac{4}{6} = \frac{\square}{12}$. What is the missing number in the box?

1) 6

2) 2

3) 3

4) 8

11. The product of the 1st and 3rd multiples of 5 is _____.

1) 150
2) 75
3) 50
4) 15

12. Which of the following numbers is 17 600 when rounded off to the nearest 100?

1) 17 650
2) 17 584
3) 16 999
4) 16 594

13. Mr Chen bought 3 cartons of apples containing 104 apples each. He paid $2 for every 8 apples. How much did he pay in all?

1) $ 156
2) $ 78
3) $ 39
4) $ 26

14. Mr Tan eats $\frac{3}{8}$ of a cake in the morning. If he eats another $\frac{1}{4}$ of the cake in the afternoon, what fraction of the cake was left?

1) $\frac{1}{6}$

2) $\frac{3}{8}$

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

4) $\frac{5}{8}$

15. △ X 9 = ☆

☆ X 7 = 819

What does △ stand for?

1) 13

2) 91

3) 117

4) 637

Section B

Questions **16** to **35** carry 2 marks each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

(40 marks)

16. Form the smallest **odd** number with all the given digits:

4, 9, 8, 0 and 2

Ans : _____

17. Express $\frac{89}{6}$ as a mixed number in its simplest form.

Ans : _____

18. The product of two numbers is 735. If one number is 7, what is the other number?

Ans : _____

19. When 1846 is divided by 8, what is the quotient?

Ans : _____

20. A container can hold 9 cookies. Mrs Lee baked 77 cookies in all. What is the **least** number of containers she needs to pack all her cookies?

Ans : _____

21. 18 600 is _____ less than 21 000.

Ans : _____

22. The factors of 24 are 1, 2, 3, 4, 6, 8, _____ and _____. What are the missing numbers in the blanks?

Ans : _____ and _____

23. What is the value of $9 - \frac{4}{5}$? (Give your answer as an improper fraction.)

Ans : _____

8

24. Chun Kin has two similar bottles, Bottle Y and Bottle Z.

$\frac{3}{4}$ of Bottle Y and $\frac{3}{12}$ of Bottle Z are filled with milk. How much milk from Bottle Y must be poured into Bottle Z so that the two bottles contain the same amount of milk?

Ans : _____

25. In 97 356, the digit 7 is in the _____ place.

Ans : _____

26. When a number is divided by 6, the answer is 102r4. Find the number.

Ans : _____

27. Joshua and Pete have a total of 525 stickers. If Pete has 85 stickers more than Joshua, how many stickers does Joshua have?

Ans : _____

28. The sum of the age of Angel and her grandmother is 64. Her grandmother's age is 7 times of Angel's age. How old is Angel?

Ans : _____

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29. String A is $\frac{3}{4}$ m long, string B is $\frac{1}{4}$ m long and string C is $\frac{1}{2}$ m long.

What is the total length of the 3 strings? (Give your answer in the simplest form)

Ans : _____ m

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30. Complete the number pattern.

15 800, 15 850, 15 950, _ _, 16 300, 16 550

Ans : _____

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31. What is the sum of the common factors of 8 and 12?

Ans : _____

8

32. Siti saves $58 a month. How much will she save in 4 years?

Ans :$_____

33. What is the smallest number that is divisible by 4, 6 and 9?

Ans :_____

34. Pei Hua spent $\frac{1}{3}$ of his savings on computer games, $\frac{1}{12}$ of his savings on books and the remaining on movies. What fraction of his savings did he spend on movies?

Ans :_____

35. 7 is a common factor of 7, 21, _____ and 77. Fill in the blank with the **largest possible** whole number that is less than 60.

Ans :_____

Section C

Questions **36** to **45** carry 4 marks each. Show your working clearly in the space provided below each question and write your answers in the spaces provided.

(40 marks)

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36. A fruit seller has 2169 apples. He has 594 fewer oranges than apples.

(a) How many oranges does he have?

(b) How many apples and oranges does he have altogether?

Ans: a) _____ [2]

Ans: b) _____ [2]

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37. Alvin has 44 marbles more than Paul and 29 marbles fewer than Jack. If the three boys have 255 marbles together, how many marbles does Jack have?

Ans: _____ [4]

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38. Fatimah baked some tarts and ate 3 of them. She put the remaining tarts in a box. The next day, she baked the same number of tarts as those that were put in the box. She divided all the tarts in the box equally and gave them to 6 friends. Each friend had 5 tarts. How many tarts did she bake at first?

Ans: _____ [4]

39. When Peter is 10 years old, his father is 4 times as old as him. How old will Peter be when his father is 3 times as old as he?

Ans: _____ [4]

8

40. Leonard bought 2 similar bags and 3 similar shirts for $108. Each bag cost thrice as much as a shirt. How much would 1 such bag cost?

Ans: _____ [4]

41. Andy had 847 marbles. After giving a certain number of marbles to 7 friends, he had 203 marbles left. How many marbles did each friend receive if each of them received the same number of marbles?

Ans: _____ [4]

8

42. There are some ducks and cows in the farm. Altogether, there are 20 heads and 56 legs. How many ducks and how many cows are there?

Ans: Ducks: _____ [2]

Cows: _____ [2]

43. Mrs Tan had $1070. She bought 10 sets of bedsheets at $89 each and spent the rest of her money on 4 dresses. If each dress cost the same amount of money, how much did each dress cost?

Ans: _____ [4]

44. Keith has folded 3 times as many paper cranes as Sam. If Keith gives 148 of his paper cranes to Sam, both will have the same number of paper cranes.

a) How many paper cranes has Keith folded?

b) How many paper cranes do they have altogether?

Ans: a)_____ 2]

Ans: b)_____ 2]

4

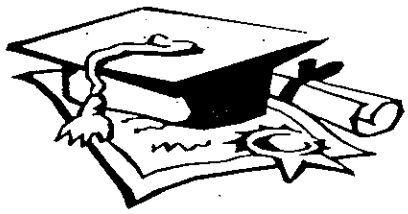
45. A table and 2 chairs cost $372. Two such tables and 5 such chairs cost $813. Find the cost of 2 such chairs.

Ans : _____ [4]

End-of-paper

Please check your work carefully

4



ANSWER SHEET

EXAM PAPER 2008

SCHOOL : AITONG PRIMARY SCHOOL
SUBJECT : PRIMARY 4 MATHEMATICS

TERM : CA 1

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

16)20349 17)$14\frac{5}{6}$ 18)105 19)230

20)9containers 21)2400 22)12 and 24 23)$\frac{41}{5}$

24)¼ of milk 25)thousands 26)616

27)220 stickers 28)8 years old 29)1½ 30)16100

31)7 32)$2748 33)36

34)7/12 of his savings 35)56

36)a)216-594=1575 oranges
He had 1575 oranges
b)1575+2169=3744 fruits.
He have 3744 fruits altogether.

37)44+29=73 marbles
73+44=117 marbles
225-117=138 marbles
138÷3=46 marbles
46+44+29=119 marbles
Jack have 119 marbles.

38)6x5=30 tarts
30÷2=15 tarts
15+3=18 tarts
She baked 18 tarts at first.

39)10x4=40 years old
40+10=50 years old
50÷5=10 years old
10+5=15 years old
Peter will be 15 years old.

40)108÷9=$12
$12x3=$36
It costs $36 for one bag.

41)847-203=644 marbles
644÷7=92 marbles
Each friend received 92 marbles.

42)Duck : 12 ducks
Cows : 8 cows
There are 12 ducks and 8 cows

43)10x$89=$890
$1070-$890=$180
$180÷4=$45
Each dress cost $45

44)a)148x3=444 paper cranes
He folded 444 paper cranes.

b)444+148=592 paper cranes
They have 592 paper cranes altogether.

45)$813-$372=$441
$441-$372=$69
$69+$69=$138
It costs $138.