ANGLO-CHINESE SCHOOL (JUNIOR)
SEMESTRAL ASSESSMENT 1 (2005)
MATHEMATICS
PRIMARY 4

Name: _____ (   )   Parent's signature:

Class: Primary 4. _____   _____

Date: 10th May 2005

BOOKLET A

20 MULTIPLE-CHOICE QUESTIONS

40 MARKS

TOTAL TIME FOR BOOKLETS A & B: 1 HOUR 45 MINUTES

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.

READ AND FOLLOW ALL INSTRUCTIONS CAREFULLY.

ANSWER ALL THE QUESTIONS.

Booklet A	40
Booklet B	60
Total	100

/0

SECTION A (20 × 2 marks)

For each of the following questions, choose the correct answer and shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet provided.

1.   In 37 568, the value of the digit 7 is the same as _____.

    (1) 7×10

    (2) 7×100

    (3) 70×10

    (4) 70×100

2.   Round off the numbers 312 and 5 to the nearest ten and multiply the two numbers.

    (1)   1500

    (2)   1560

    (3)   3100

    (4)   3120

3.   Which of the following is a multiple of 6?

    (1)   72

    (2)   56

    (3)   3

    (4)   9

4.   If stands for 45 light bulbs,

then stands for _____ light bulbs.

    (1)   15

    (2)   90

    (3)   105

    (4)   115

5   What is the missing number in the box?

$288 \div 8 = \boxed{?} \times 4.$

    (1)   9

    (2)   12

    (3)   32

    (4)   40

6   The number 48 is **NOT** a common multiple of _____.

    (1)   6 and 8

    (2)   12 and 36

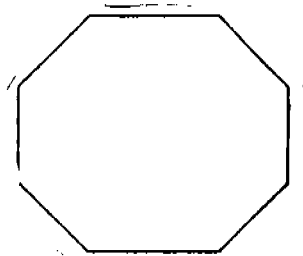   (3)   16 and 24

    (4)   4 and 48

7   9054 people visited an IT fair.

There were twice as many adults as children.

There were 1968 women. How many men were there?

    (1)   1050

    (2)   3018

    (3)   4068

    (4)   7086

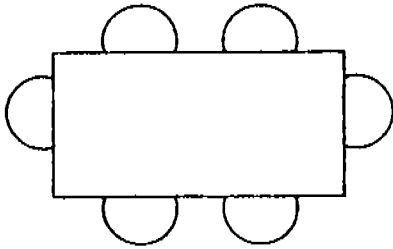8   In the following figure below, how many pairs of parallel lines are there?
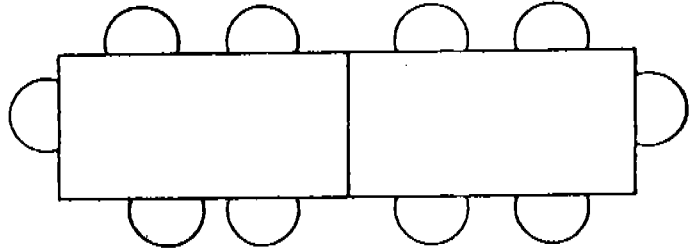

    (1)   8

    (2)   2

    (3)   3

    (4)   4

9   Which of the following is the **best** estimate of 796 ×12?

    (1)   800 × 10

    (2)   800 × 20

    (3)   700 × 10

    (4)   700 × 20

10   A rectangular table can seat 6 people. How many rectangular tables are needed to seat 34 people if the tables are joined together?

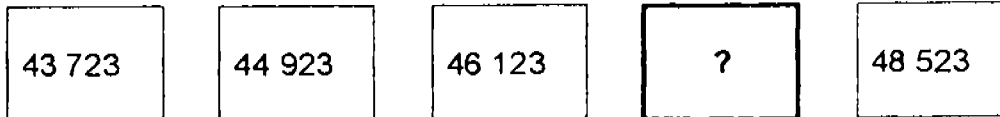1 table can seat 6 people   2 tables can seat 10 people

    (1)   5

    (2)   6

    (3)   8

    (4)   10

11   What is the missing number in the pattern?

| 43 723 | 44 923 | 46 123 | ? | 48 523 |

    (1)   47 223

    (2)   47 323

    (3)   48 223

    (4)   48 323

/3

12   The value of 27 thousands 2 tens and 6 ones is _____.

    (1)   20 000 + 7000 + 20 + 6

    (2)   27 000 + 200 + 8

    (3)   2700 + 20 + 6

    (4)   27 + 2 + 6

13   The smallest 5-digit (odd) number that can be formed with the digits 5, 0, 1, 9 and 3 is _____.

    (1)   10 359

    (2)   10 395

    (3)   10 539

    (4)   10 593

14   Find the sum of the second and eighth multiple of 6.

    (1)   16

    (2)   36

    (3)   50

    (4)   60

15   Mrs Tan has 436 flowers. She gave 75 flowers to each of her 5 friends. How many flowers had she left?

    (1)   61

    (2)   361

    (3)   375

    (4)   2180

16    $3 \overset{12}{\times} 4 \times 5 = \boxed{\ ?\ } \times 4$

The missing number in the box is _____.

    (1)   15
    (2)   7
    (3)   3
    (4)   4

17   How many thirds are there in $7\frac{2}{3}$?

    (1)   14
    (2)   17
    (3)   21
    (4)   23

18    $2 \times \frac{5}{8}$ is the same as _____.

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

    (2) $\frac{10}{16}$

    (3) $\frac{5}{8} + \frac{5}{8}$

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

19 Tracy drank $\frac{6}{10}$ ℓ of orange juice. Noreen drank $\frac{1}{10}$ ℓ of orange juice more than Tracy. Noreen drank _____ ℓ of orange juice.

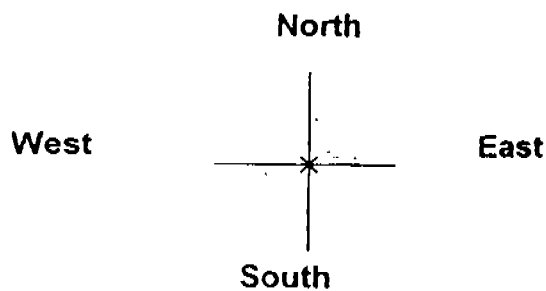(1) $\frac{2}{5}$

(2) $\frac{7}{10}$

(3) $\frac{4}{15}$

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

20

North

West   **East**

South

You are at Point X and facing East. You make a $\frac{3}{4}$ - turn in an anti-clockwise direction. You will now be facing _____.

(1) North

(2) South

(3) East

(4) West

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Date: 10th May 2005

BOOKLET B

25 QUESTIONS
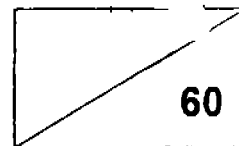
60 MARKS

TOTAL TIME FOR BOOKLET A & B: 1 HOUR 45 MINUTES

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	60

Section B (20 × 2 marks)

Work out the following sums and write your answers in the boxes provided.

21 Write the numeral for 14 thousands and 7 tens.
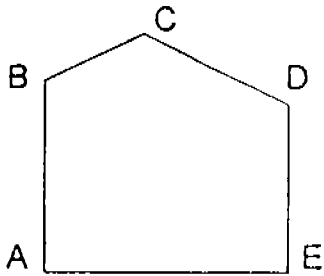
22 What number is 1100 less than 40 804?

23 What is the missing number in the pattern ?

2, 4, 8, 16, 32, 64, _?_ 256, 512

24 How many even numbers are there **between** 4 006 and 4 022?

Sub-total:

360 of 406.

25   What is the **quotient** when 609 is divided by 8?

26   In the figure, AB is perpendicular to _____.

C
B   D

A   E

27   Donald bought 5 pens and 3 books for $50. A pen cost
      $2 more than a book. Find the cost of a pen.

28   If ☆ + ☆ = 32

And   ☾ + ☆ + ☆ + ☆ = 56

Then   ☾ + ☆ = [?]

What is the missing number in the box?

29   I am between 30 and 50.

I am also a multiple of 7.

One of my factors is 3.

What number am I?

30   Arrange the fractions from the smallest to the greatest.

$$\frac{1}{3} \; , \; \frac{7}{15} \; , \; \frac{2}{5}$$

31 Tom has 9 apples. He has to place the apples into the 3 baskets -
A, B and C such that there is an **odd number** of apples in each basket and
the number of apples in each basket is not the same. How many apples
should he place in each of the three baskets?
(No basket should be empty)
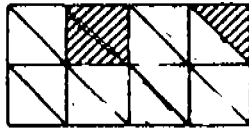
Basket A   Basket B   Basket C

_____ , _____ , _____

32 The product of 3 numbers is 72. If two of the numbers are 2 and 3,
what is the third number?

33 What is $\frac{3}{5}$ of 25?

Sub-total:

34   How many more triangles must be shaded so that the shaded part of the diagram is $\frac{5}{8}$?
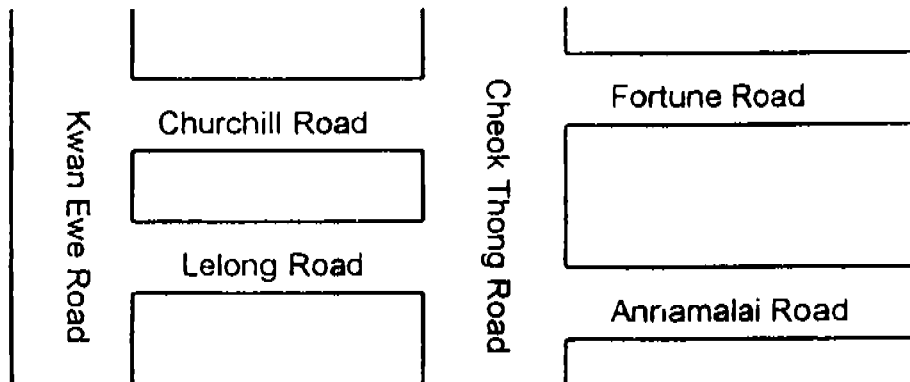

35   88, 96, 104, 112, 120 ...

In the above number pattern, we are counting in steps of _____.

36   Refer to the map of Albert's neighbourhood which is given below.

Name the road which is perpendicular to Kwan Ewe Road and parallel to Lelong Road.

The table below shows the number of people who watched "The Amazing Chase" telecast last night. Fill in the blanks in the table.
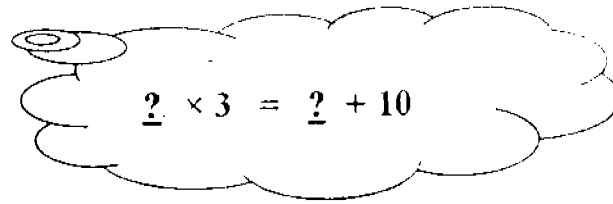
Use the table to answer questions 37 and 38.

	MALE	FEMALE	TOTAL
ADULTS	32	?	
CHILDREN		42	?
TOTAL	60		120

37   What was the total number of children who watched the show?

38   How many female adults watched the show?

39   I am a 1-digit number. I am also an odd number. When I am

        multiplied by 3, I have the same value as when I am added to 10.

        What number am I?

$$\underline{?} \times 3 = \underline{?} + 10$$

40   Joshua had 40 stamps. $\frac{3}{5}$ of them were Asian stamps and the rest were

        Australian stamps. If he bought 8 more Australian stamps, how many

        Australian stamps would he have in all now?

Work out the following sums carefully. Show each step of your workings clearly as marks will be given for workings and relevant statements.

41   The total length of three poles is $7\frac{2}{3}$ m.

The first pole is $2\frac{1}{12}$ m.

The second pole is $\frac{1}{3}$ m longer than the first pole.

What is the length of the third pole?

Give your answer in the simplest form.

42   Mrs Lee earned $1 for each bar of chocolate she sold.

She earned an extra $3 for every box of 5 bars of chocolates she sold.

If she earned $40, how many bars of chocolates did she sell?

26

43   Jamie and Basil had 128 bookmarks altogether.

If Jamie gave away $\frac{1}{4}$ of his bookmarks and Basil gave away 37 of his

bookmarks, they would have the same number of bookmarks left. How

many bookmarks did Jamie have at first?

2^-

45. Peter has three times as many stickers as Ben.

Ben has twice as many stickers as Jerry.

If Peter has 80 stickers more than Jerry, how many stickers do they have in all?

- End of Paper -

Sub-total:

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01. 4	11. 2
02. 3	12. 1
03. 1	13. 1
04. 3	14. 4
05. 1	15. 1
06. 2	16. 1
07. 3	17. 4
08. 4	18. 3
09. 1	19. 2
10. 3	20. 2

21) 14070

22) 39704

23) 128

24) 7 even numbers

25) 76

26) AE

27) $ 7

28) 24

29) 42

30) 1/3   2/5   7/15

31) 1   3   5

32) 12

33) 15

34) 7

35) 8

36) Churchill Road

37) 70 children

38) 18 female adults

39) 5

40) 24 Australian stamps

41) 3 1/6 m

42) 25 bars of chocolate

43) 52 bookmarks

44) a) 14 cows

    b) 8 more cows

45) 144 stickers

29
— END —