Anglo-Chinese School (Junior)

THE BEST IS YET TO BE

SEMESTRAL ASSESSMENT 1 (2012)
PRIMARY 3

MATHEMATICS

BOOKLET A

Thursday   10 May 2012   **1 h 45 min**

INSTRUCTIONS TO PUPILS

DO NOT TURN OVER THE PAGES UNTIL YOU ARE TOLD TO DO SO

Follow all instructions carefully.

There are 20 questions in this booklet.

Answer ALL questions.

Name : _____ (   )

Class : 3. (   )

Parent's Signature:_____

This question paper consists of 5 printed pages. (Inclusive of cover page)

SECTION A (20 X 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 5938, the value of the digit 9 is _____.

(1)   900
(2)   908
(3)   930
(4)   938

2   The digit 2 in 7829 is in the _____ place.

(1)   ones
(2)   tens
(3)   hundreds
(4)   thousands

3   Four thousand and four can be written as _____.

(1)   4004
(2)   4040
(3)   4400
(4)   4440

4   What is 11 tens more than 2899?

(1)   2900
(2)   2910
(3)   3009
(4)   3909

5   999 less than 6900 is _____.

(1)   5099
(2)   5801
(3)   5901
(4)   5911

6   Which of the following is the greatest?
(1)   200 + 50
(2)   2000 + 50
(3)   2000 + 200
(4)   2000 + 50 + 5

7

$$\text{(cross)} + \text{(cylinder)} = 4125$$

$$\text{(cross)} + \text{(cross)} + \text{(cylinder)} = 6000$$

$$\text{(cross)} + \text{(cross)} = \,?$$

- (1) 3750
- (2) 4500
- (3) 7500
- (4) 8250

8 Zoey wants to buy a computer which costs $2700. He has $1205. How much more money does he need to buy the computer?

- (1) $1505
- (2) $1905
- (3) $1495
- (4) $3905

9 Mrs Png and Mrs Fu shared a sum of money equally. After Mrs Png gave $880 to Mrs Fu, how much more money did Mrs Fu have than Mrs Png?

- (1) $440
- (2) $880
- (3) $1320
- (4) $1760

10 Trees are planted along the side of the garden 64 m long. They are planted at an equal distance apart. If the distance between the 1st tree and the 2nd tree is 8 m, how many trees are planted along the side of the garden?
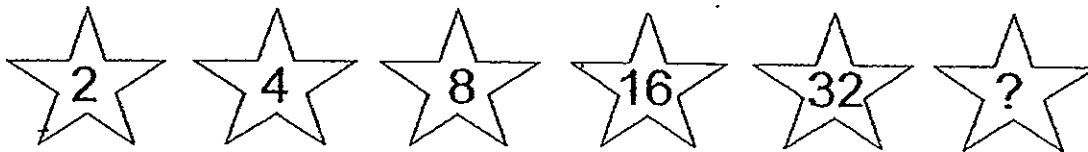
- (1) 6
- (2) 7
- (3) 8
- (4) 9

11   $8 \times 7 =$ [ ] $- 4$

   (1)   15
   (2)   56
   (3)   60
   (4)   68

12   What is 56 tens divided by 8?

   (1)   7 ones
   (2)   7 tens
   (3)   70 tens
   (4)   70 hundreds

13   Complete the pattern below.

   (1)   34
   (2)   40
   (3)   48
   (4)   64

14   $400 \div 4 =$ [.] $\times 5$

   (1)   20
   (2)   40
   (3)   100
   (4)   500

15   Mrs Smith baked 291 muffins. If she gave 7 muffins to each pupil in her class, she would have 4 muffins left. How many pupils were there in her class?

   (1)   31
   (2)   41
   (3)   42
   (4)   72

16   Bernard has 6 times as many stamps as Rijul.
      If Bernard has 60 more stamps than Rijul, how many stamps does Rijul have?

      (1)   10
      (2)   12
      (3)   50
      (4)   60

17   Kenneth has some marbles. If he packs them equally into bags of 4, he will have 6
      bags. If he packs them equally into bags of 3, how many bags will he have?

      (1)   7
      (2)   8
      (3)   10
      (4)   72

18   Samantha is 8 years old. Her father is 5 times as old as her. How old will her father
      be in 3 years' time?

      (1)   37
      (2)   40
      (3)   43
      (4)   55

19   Gordon has 15 pairs of socks. Kayla has 4 times as many pairs of socks as Gordon.
      How many pairs of socks does Kayla have?

      (1)   19
      (2)   45
      (3)   60
      (4)   80

20   A bookshelf costs 4 times as much as a calculator. If the bookshelf costs $96, how
      much do 2 calculators cost?

      (1) $24
      (2) $48
      (3) $192
      (4) $384

END OF BOOKLET A

Anglo-Chinese School
(Junior)

SEMESTRAL ASSESSMENT 1 (2012)
PRIMARY 3

MATHEMATICS

BOOKLET B

Thursday   10 May 2012   1 h 45 min

INSTRUCTIONS TO PUPILS

DO NOT TURN OVER THE PAGES UNTIL YOU ARE TOLD TO DO SO

Follow all instructions carefully.

There are 25 questions in this booklet.

Answer ALL questions.

Name:..(   )

Class: 3. (   )

Parent's Signature :_____

Section	Possible Marks	Marks Obtained
A	40	
B	40	
C	20	
TOTAL	100	

This question paper consists of 9 printed pages. (Inclusive of cover page)

143

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

21   How many odd numbers can be formed using all of the digits 2, 5 and 7?

22   What is the missing number in the pattern?
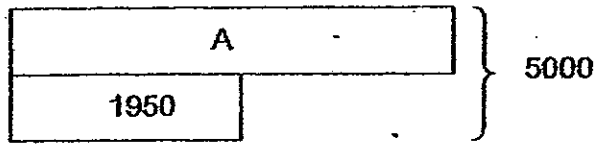
6903 , 5923 , _____ , 3963 , 2983

23   What is the sum of all the even numbers below?

235 ,   126 , 700 , 433 ,   404

24   What is 1000 more than the greatest 4-digit number formed with the digits

3, 8, 1 and 7?

Sub-total: 145

25   Study the model and find the value of A.

A = [   ]

26   What is the missing number in the box?

```
  9 4 5 0
-  4 ? 5 2
  ───────
  5 0 9 8
```

[   ]

27   The difference between two numbers is 395. If the larger number is 1975, what is the sum of the two numbers?

[   ]

28   I am a 3-digit number. All my digits are different and they add up to 18. The digit in the tens place is three times the digit in the hundreds place. What number am I?

[   ]

29   Jane had 110 fewer cookies than Sharon. How many cookies must Sharon give to Jane so that Sharon would have 50 more cookies than Jane?

```
┌─────────────────┐
│                 │
└─────────────────┘
```

30   What is the quotient and remainder when 675 is divided by 7?

```
┌─────────────────────┐
│          (Quotient) │
└─────────────────────┘
┌─────────────────────┐
│         (Remainder) │
└─────────────────────┘
```

31   333 x 8 = ?

```
┌─────────────────┐
│                 │
└─────────────────┘
```

32   How many nines are there in the sum of 435 and 24?

```
┌─────────────────┐
│                 │
└─────────────────┘
```

33   ⌒ + ⌒ = 26

What is the value of ⌒ + ⌒ + ⌒ + ⌒ + ⌒ = ?

```
┌─────────────────┐
│                 │
└─────────────────┘
```

Sub-total:
```
┌─────────────┐
│             │
└─────────────┘
```

34 Faizal packed 657 books equally into 6 boxes. How many books were left
    unpacked?

    ```
    ┌─────────────────────┐
    │                     │
    └─────────────────────┘
    ```

35 There are 3 storybooks, each containing 40 pages.
    Jenson reads 5 pages in one day.
    How many days will Jenson take to read the 3 storybooks?

    ```
    ┌─────────────────────┐
    │                     │
    └─────────────────────┘
    ```

36 Study the diagram below. What is the missing number?

    ```
              ┌───────┐
              │  880  │
              └───┬───┘
          ┌───────┴───────┐
       ┌──┴──┐         ┌──┴──┐
       │ 40  │         │ (?) │
       └──┬──┘         └──┬──┘
        ┌─┴─┐          ┌──┴──┐
     ┌──┴┐ ┌┴──┐    ┌──┴┐ ┌──┴┐
     │ 8 │ │ 5 │    │11 │ │ 2 │
     └───┘ └───┘    └───┘ └───┘
    ```

    ```
    ┌─────────────────────┐
    │                     │
    └─────────────────────┘
    ```
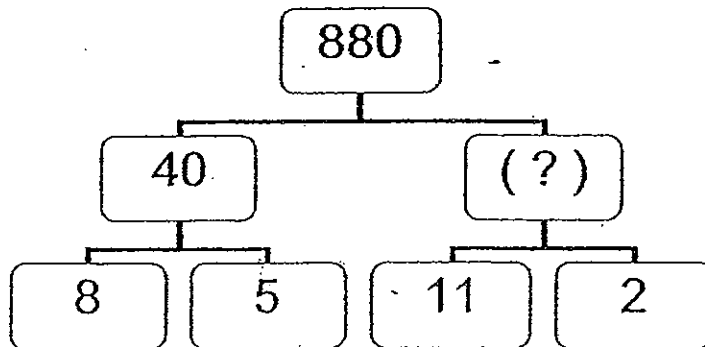
37 At a funfair, canned drinks are sold at 3 for $5. How many canned drinks can Indra
    buy with $45?

    3 for $5

    ```
    ┌─────────────────────┐
    │                     │
    └─────────────────────┘
    ```
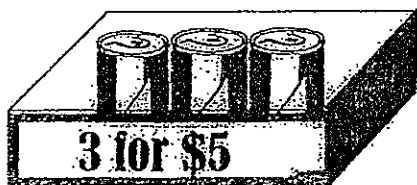
38   A dictionary costs 6 times as much as a pencil holder. Mr Tan bought 8 dictionaries and paid $288. How much does a pencil holder cost?

$ _____

39   Howard earns $2000 a month. He spends $1200. He saves half of the remaining amount and gives the rest to his parents. How much money does he give to his parents a month?

$ _____

40   A box of strawberries costs $5 and a bag of cherries costs $7. Gopal buys 8 boxes of strawberries and 3 bags of cherries. How much does he spend altogether?

$ _____

Sub-total: _____

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Section C (5 X 4 marks)

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

41 . Mr Tory sold 5738 fruits. Mr Shane sold 983 fewer fruits than Mr Tory. Mr Ling sold 1081 fewer fruits than Mr Shane. How many fruits did Mr Ling sell?

42 Rakesh and Zach had an equal number of marbles. After Rakesh bought another 870 and Zach lost 238 marbles, Rakesh had twice as many marbles as Zach. Find the number of marbles Zach had at first?

Sub-total: [   ]

43 Amos has $47. Wesley has twice as much money as Amos and Ranen has thrice
    as much money as Wesley. How much money does Ranen have?

44 Emmanuel had 488 books. He kept 26 books for himself. The remaining books
    were shared equally among his 7 friends. How many books did each friend receive?

45   There are 19 mystery animals on Fantasy Island. Some have 3 eyes and some have 4 eyes. The mystery animals have 63 eyes altogether. How many mystery animals have 4 eyes?

END OF BOOKLET B

ANSWER SHEET

EXAM PAPER 2012
SCHOOL : ANGLO-CHINESE SCHOOL (JUNIOR)
SUBJECT : PRIMARY 3 - MATHEMATICS
TERM   : SA1

Booklet A

1) 1	2) 2	3) 1	4) 3	5) 3	6) 3	7) 1	8) 3	9) 4	10) 4
11) 3	12)2	13) 4	14) 1	15) 2	16) 2	17) 2	18) 3	19) 3	20) 2

21) 4   22) 4943   23) 1230   24) 9731   25) 3050   26) 3   27) 3555

28) 396   29) 30   30) 96(Quotient) 3(Remainder)   31) 2664   32) 51

33) 65   34) 3   35) 24   36) 22   37) 27   38) 384   39) 400   40) 61

41) 5738-938-1081=3719
Mr Ling sold 3719 fruits.

42) 870+238=1108
    1108+238=1346
Zach had 1346 marbles at first.

43) $47x2=$94
    $94x3=$282
Ranen has $282.

44) 488-26=462
    462/7=66
Each friend received 66 books.

Page 1

End
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45)

No. of animals with 3 eyes	No. of animals with 4 eyes	Total no. of eyes	Check
12	7	12x3=36 7x4=28 Total:36+28=64	No
13	6	13x3=39 6x4=24 Total:39+24=63	Yes

There are 6 mystery animals that have 4 eyes.