

SAT

**ANGLO-CHINESE SCHOOL (JUNIOR)  
SEMESTRAL ASSESSMENT 1 (2005)  
MATHEMATICS  
PRIMARY 3**

Name: \_\_\_\_\_

) Parent's Signature: \_\_\_\_\_

Class: Primary 3. \_\_\_\_\_

Date: 10<sup>th</sup> May 2005

**BOOKLET A**

**20 MULTIPLE-CHOICE QUESTIONS**

**40 MARKS**

**TOTAL TIME FOR BOOKLET 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.**

|                  |            |
|------------------|------------|
| <b>Booklet A</b> | <b>40</b>  |
| <b>Booklet B</b> | <b>60</b>  |
| <b>Total</b>     | <b>100</b> |

**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. Express seven thousand, one hundred and nineteen as numerals.

- (1) 7 019
- (2) 7 109
- (3) 7 119
- (4) 7 190

2. The value of the digit 9 in 9 806 is \_\_\_\_\_.

- (1)  $9 \times 10$
- (2)  $90 \times 10$
- (3)  $9 \times 100$
- (4)  $90 \times 100$

3. Find the sum of 5 532 and 2 989.

Which digit in the answer is in the thousands place?

- (1) 1
- (2) 2
- (3) 5
- (4) 8

4. 3 870 is the same as \_\_\_\_\_ hundreds and \_\_\_\_\_ tens.

- (1) 38 hundreds 70 tens
- (2) 30 hundreds 87 tens
- (3) 38 hundreds 87 tens
- (4) 30 hundreds 80 tens

5. If  stands for 16 spiders,

Then        stand for \_\_\_\_\_ spiders.

- (1) 23
- (2) 96
- (3) 112
- (4) 128

6. Find the product of 406 and 7.

- (1) 58
- (2) 413
- (3) 2 802
- (4) 2 842

7. There are 13 people in a team. 7 are adults and the rest are children.  
How many children are there in 8 such teams?

- (1) 48
- (2) 56
- (3) 78
- (4) 91

8. 37 dollars 300 cents = \$ \_\_\_\_\_

- (1) 40
- (2) 67
- (3) 337
- (4) 400

3

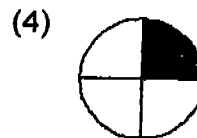
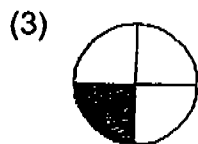
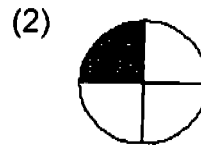
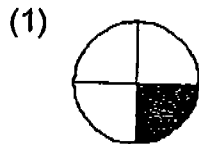
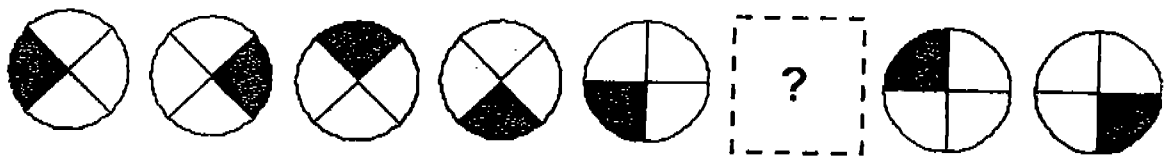
9. For every 5 stickers collected, Roy received a twenty-cent coin.  
If he collected 25 stickers, how much money did he receive?

- (1) \$1.00
- (2) \$2.00
- (3) \$0.10
- (4) \$0.20

10. Prashan spent \$100 on a CD player and five CDs. If the CD player cost \$65, what is the cost of one CD?

- (1) \$6
- (2) \$7
- (3) \$8
- (4) \$9

11. Complete the pattern.



12.  $620 \div 5 = \boxed{?} \times 2$

- (1) 62
- (2) 124
- (3) 248
- (4) 1 240

13. To form the greatest odd number, which digit should be placed in the box?

9 7 6  $\boxed{?}$

- (1) 5
- (2) 6
- (3) 7
- (4) 8

14. Jeremy saves \$184 in a month. How much will he save in 6 months?

- (1) \$92
- (2) \$184
- (3) \$920
- (4) \$1 104

15. What is one thousand less than the sum of 4 560 and 1 205?

- (1) 2 355
- (2) 4 765
- (3) 4 355
- (4) 6 765

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16. Which of the following statements is incorrect?

- (1)  $7 \times 7 \times 7 \times 7 \times 7 \times 7 = 6 \times 7$
- (2)  $9 \text{ sevens} = 7 + 7 + 7 + 7 + 7 + 7 + 7 + 7 + 7$
- (3)  $8 \times 7 = 8 \text{ groups of } 7$
- (4)  $50 - 1 = 7 + 7 + 7 + 7 + 7 + 7 + 7$

17. Lynn bought some lollipops for her 6 friends. If each of them received 8 lollipops and she had 9 lollipops left, how many lollipops did she buy?

- (1) 48
- (2) 56
- (3) 57
- (4) 102

18. An eraser cost 20 cents. How many erasers can John buy with \$4?

- (1) 5
- (2) 10
- (3) 20
- (4) 80

19. Halim bought 5 comic books at \$3 each. He gave the cashier 2 ten-dollar notes. How much change did he receive?

- (1) 3 two-dollar notes
- (2) 1 five-dollar note
- (3) 5 fifty-cent coins
- (4) 10 twenty-cent coins

20. Xiuling collected \$120.55 for her school's donation card. She listed the amount in the table below.

| \$50 | \$10 | 10¢ | 5¢ |
|------|------|-----|----|
| 2    | 2    | ?   | 1  |

How many ten-cent coins did she collect?

- (1) 50
- (2) 10
- (3) 5
- (4) 4

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Name: \_\_\_\_\_ (     )

Parent's Signature:

Class: Primary 3. \_\_\_\_\_

\_\_\_\_\_

Date: 10<sup>th</sup> May 2005

**BOOKLET B**

25 QUESTIONS

60 MARKS

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

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ANSWER ALL THE QUESTIONS.

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**SECTION B (20 × 2 marks)**

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

21. Write 8 944 in words.

\_\_\_\_\_

22. Complete the number pattern.

1117 , 1107 , 1087 , 1057 \_\_\_\_\_ , 967 , 907

23. 6 000 is 100 more than \_\_\_\_\_.

24. The sum of 2 thousands, 50 tens and 10 ones is \_\_\_\_\_.

25. The difference between two numbers is 576. If the smaller number is 1 234, what is the bigger number?

26. Use the four different digits below to find the smallest product. What is the smallest value?

$$\begin{array}{r}
 \phantom{0}5 \phantom{0}1 \phantom{0}7 \phantom{0}3 \\
 \square \phantom{0} \phantom{0} \phantom{0} \\
 \times \phantom{0} \phantom{0} \phantom{0} \phantom{0} \square \\
 \hline
 \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\
 \hline
 \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0}
 \end{array}$$

 $\div 7$  

27. A number when divided by four has a quotient of 22 and remainder 3. What is the number?

28. Mrs Tan went to the market. She bought a packet of vegetables for \$2 and 9 pieces of fish at \$6 each. How much did she spend?

29. Jane had 725 ribbons in her shop. 210 of them were pink and the rest were yellow. How many fewer pink ribbons than yellow ribbons did she have?

30. Chong Boon has 10 coins that add up to \$3.50. Some of them are 50-cent coins and the rest are 20-cent coins. How many 20-cent coins does he have?

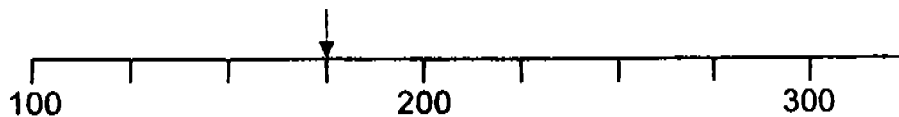
31. Charles is 12 years old. Benson is twice as old as Charles. Amil is 18 years older than Benson. How old is Amil?

32. How many two-dollar notes can be exchanged for 6 five-dollar notes?

33. There are 63 shirts and caps in a box. There are 15 more shirts than caps. How many caps are there?

34. Mr Lim has 30 five-cent coins. How much money does he have?

35. Look at the number line. What is the number indicated by the arrow?



36. The table shows the number of chairs arranged in rows which follows a pattern. How many chairs are there in Row 10?

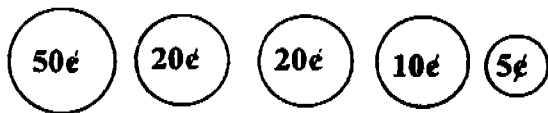
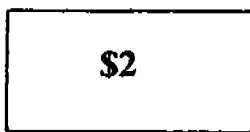
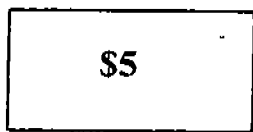
|                  |   |   |   |   |    |    |    |
|------------------|---|---|---|---|----|----|----|
| Row              | 1 | 2 | 3 | 4 | 6  | 8  | 10 |
| Number of Chairs | 1 | 3 | 5 | 7 | 11 | 15 | ?  |

37. 45 pupils are divided into 9 groups. There is one more boy than girl in each group. How many boys are there in each group?

38. Chef Chan can make 35 dumplings in 2 minutes. How many dumplings can he make in 6 minutes?

39. Four men are queuing to buy tickets to a soccer match. Firoz is behind Steven. David is in front of Steven. Timothy is first in line. Who is last in the queue?

40. What is the amount of money shown below?



**SECTION C (5 × 4 marks)**

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

41. There were 6 036 people at a book fair. There were 3 times as many men as women at the fair. How many more men than women were there?
42. Jack had 328 marbles. He gave half of his marbles to his brother and the rest were shared equally among his friends Ah Seng, Prashant, Ali and Jeremy. How many marbles did Prashant have?

43. Mr Su packed 906 greeting cards into packs of 6 each. He sold all the cards at \$9 a pack. How much money did he receive?

44. Gosian paid \$75 for 2 pens and a book. A pen cost twice as much as the book. Find the cost of a pen.



45. A vehicle workshop has the same number of cars and motorcycles. Amir counted all the wheels from the cars and motorcycles. There were 36 wheels altogether. How many cars were there?

- End of paper -

SAM



Exam Solutions 考試答案

Answer Sheets

ACS(Junior) School / Pri 3/SA1/2005 Maths

- 1)3                    2)4                    3)4                    4)2                    5)3                    6)4
- 7)1                    8)1                    9)1                    10)2                    11)4                    12)1
- 13)3                    14)4                    15)2                    16)1                    17)3                    18)3
- 19)2                    20)3
- 21)eight thousand nine hundred and forty-four                    22)1017                    23)5900
- 24)2510                    25)1810                    26) $357 \times 1 = 357$                     27)91                    28)\$56
- 29)305 ribbons                    30)5 twenty cents coins                    31)42                    32)15
- 33)24                    34)\$1.50                    35)175                    36)19 chairs                    37)3 boys                    38)105 dumpling
- 39)Firoz                    40)\$8.05
- 41)There were 3018 more men than woman.
- 42)Prashant had 41 marbles
- 43)He received \$1359
- 44)The pen cost \$30
- 45)There were 6 cars

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