



# AI TONG SCHOOL

2006

SEMESTRAL ASSESSMENT 1

PRIMARY 3

MATHEMATICS

DURATION : 1 h 30 min

DATE: 9th May 2006

## INSTRUCTIONS

Do not open the booklet until you are told to do so.

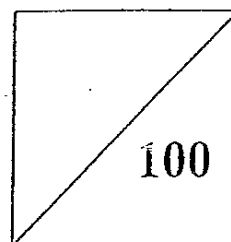
Follow all instructions.

Answer all questions.

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

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

Marks:



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

Date : \_\_\_\_\_

100

**SECTION A**

**Questions 1 to 20 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. (40marks)

1. The number 1 405 written in words is \_\_\_\_\_.

- 1) one thousand, four tens and five ones
- 2) one thousand, four hundred and five
- 3) one thousand and forty-five
- 4) one hundred and forty-five

2.  $3\ 060 =$

- 1) 306 ones
- 2) 30 tens + 60 tens
- 3) 30 hundreds + 60 ones
- 4) 30 hundreds + 60 tens

3. The number exactly between 500 and 1 000 is .

- 1) 1 500
- 2) 750
- 3) 500
- 4) 250

4. Find the value of  $1\ 608 - 229$

- 1) 379
- 2) 1 378
- 3) 1 379
- 4) 1 837



5. 2 161 more than 952 is \_\_\_\_\_.

- 1) 3 113
- 2) 3 013
- 3) 2 209
- 4) 1 209

6.  - 393 = 778. Find the missing number in the box.

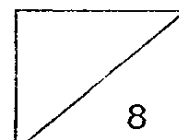
- 1) 385
- 2) 425
- 3) 861
- 4) 1 171

7. The sum of 3 numbers is 6 240. One of the numbers is 240 and another is 2 543. What is the third number?

- 1) 2 783
- 2) 3 457
- 3) 6 000
- 4) 9 023

8. Which one of the following is not equal to  $6 \times 8$ ?

- 1)  $8 \times 6$
- 2)  $6 + 6 + 6 + 6 + 6 + 6 + 6 + 6$
- 3)  $8 \times 8 \times 8 \times 8 \times 8 \times 8$
- 4)  $8 + 8 + 8 + 8 + 8 + 8$



9. What is the missing number in the box?

$$12 \times 5 = 60$$

$$14 \times 5 = 60 +$$



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

10. If  $\text{😊} + \text{😊} + \text{😊} + \text{😊} + \text{😊} = \text{♥}$  and

$$\text{♥} \times 3 = 135,$$

then  $\text{😊} =$

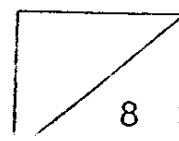
- 1) 5
- 2) 9
- 3) 45
- 4) 81

11. 8 similar T-shirts cost \$72 altogether.  
The most number of T-shirts I can buy with \$118 is \_\_\_\_\_?

- 1) 11
- 2) 12
- 3) 13
- 4) 14

12.  $\times 6 = 800 + 106$ . What is the missing number in the box?

- 1) 106
- 2) 151
- 3) 906
- 4) 5 436



13. Express 8 km 26 m in metres.

- 1) 826 m
- 2) 8 026 m
- 3) 8 206 m
- 4) 8 260 m

14. The height of the classroom door is about \_\_\_\_\_.

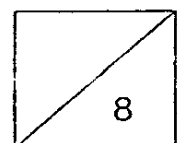
- 1) 1 m
- 2) 2 m
- 3) 10 m
- 4) 20 m

15. Express 9 370 cents in dollars and cents.

- 1) \$9.37
- 2) \$93.70
- 3) \$937.00
- 4) \$9 370.00

16. The total amount of 8 twenty-cent coins and 3 five-cent coins is \_\_\_\_\_.

- 1) \$1.45
- 2) \$1.60
- 3) \$1.75
- 4) \$3.10



17.  $\$78 - \$58.25 =$

The missing number in the box is \_\_\_\_\_.

- 1) \$19.75
- 2) \$20.25
- 3) \$20.75
- 4) \$136.25

18. Casey had \$20.50. She spent \$1.75 on a chicken burger and \$3.05 on lunch. How much had she left?

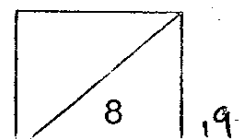
- 1) \$15.70
- 2) \$17.45
- 3) \$18.75
- 4) \$25.30

19. Jojo has the same number of ten-cent and fifty-cent coins. Their total value is \$3. How many coins does *Jojo* have altogether?

- 1) 5
- 2) 10
- 3) 18
- 4) 36

20. A box of 6 pies costs \$9. How many pies can I buy with \$63?

- 1) 7
- 2) 42
- 3) 54
- 4) 105



**SECTION B**

Questions 21 to 40 carry 2 marks each.

Show your working clearly in the space below each question and write your answers in the spaces provided. (40marks)

21. 7 403 is \_\_\_\_\_ more than 5 798.

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

22. Complete the number pattern.

497, 1 497, \_\_\_\_\_, 3 497,

4497

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

23. The sum of 208, 1 457 and 62 is \_\_\_\_\_.

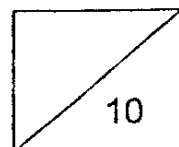
Answer: \_\_\_\_\_

24. Find the value of  $203 \times 8$ .

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

25. Find the value of  $675 \div 6$ .

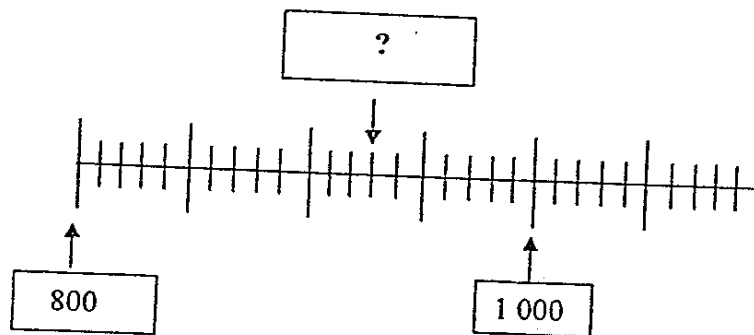
Answer: \_\_\_\_\_



26. 250 people were at the stadium.  
The number of adults was 4 times the number of children.  
How many adults were there?

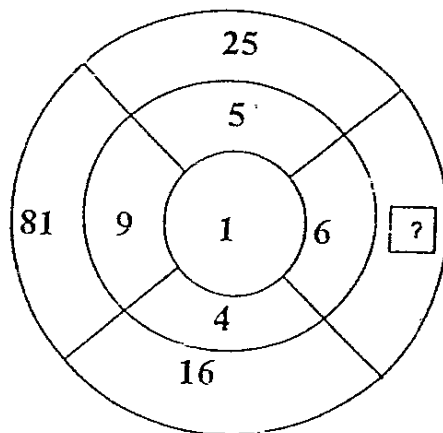
Answer: \_\_\_\_\_

27. Study the number line below.  
What is the missing number in the box?

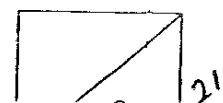


Answer: \_\_\_\_\_

28. What is the missing number in the box?



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





29.

8, 5, 3, 7

Using the numbers in the box above, form the smallest four-digit odd number.

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

30. The total age of Lynn and her mother will be 64 years in 5 years' time.  
If Lynn is 12 years old now, how old is her mother now?

Answer: \_\_\_\_\_ years old

31. Kim has 19 picture cards. Jane has 6 times as many cards.  
How many more cards does Jane have?

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

32. When I divide a number by 7, the quotient is 42.  
What is the number?

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

33. A number is between 35 and 40.  
When divided by 6, the remainder is 3.

When divided by 3, there is no remainder. What is the number?

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

22  
10

34 Write four hundred and four dollars and 5 cents in figures.

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

35. Nancy paid for a \$2.05 pen with a \$10 note.  
What change should she get?

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

36. Jiaming bought the following items from the supermarket:

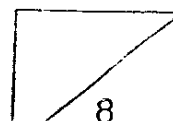
Fresh milk	95¢
Cheese	\$3.60
Instant Noodles	\$1.85

How much did he spend in all?

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

37. Jason had some money. He spent \$68 on a racket and \$104.20 on a pair of sports shoes. He had \$40 left. How much money did he have at first?

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



38.  $630 \text{ cm} = \boxed{\phantom{000}} \text{ m } \boxed{\phantom{000}} \text{ cm}$

What are the missing numbers in the boxes?

Answer: \_\_\_\_\_ m \_\_\_\_\_ cm

39. Mrs See bought 360 stickers.

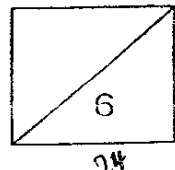
After giving an equal number of stickers to each of her 9 pupils, she had 45 stickers left. How many stickers did each pupil get?

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

40. The total number of children in a school is 814.

If there are 260 more girls than boys, how many girls are there?

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



### SECTION C

Questions 41 to 45 carry 4 marks each.

For questions 41 to 45, show your working clearly in the space provided for each question. (20 marks)

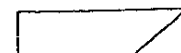
41. John has 35 boxes of soap. Each box contains 6 bars of soap. He repacks them and puts 7 bars into a packet. How many packets does John get?
42. Paul and Harris have 270 marbles altogether. If Paul gives Harris 35 marbles, they will have an equal number of marbles. How many marbles does Harris have?

43. Billy has \$680 in his savings. May has \$40 more than Jack but \$300 less than Billy. How much does Jack have?

44. Mum bought a dress and a handbag. The dress cost \$34.20. The handbag cost \$10.50 more than the dress. She gave the cashier \$100.

a) How much did she spend altogether?

b) How much change did she get?



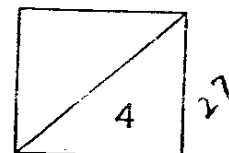
45. 4 adults and 5 children went to a concert. They spent a total of \$185 on tickets. The adults paid \$30 each.

a) How much did the adults pay altogether?

b) How much did each child pay?

- End of paper -

~ Check your work carefully ~



**Answer Sheets**  
**Ai Tong Pri 3 SA1 / 2006 Maths**

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

- |   |  |
|---|--|
| <p>21. <math>7403 - 5798 = \underline{1605}</math></p> <p>23. <math>208 + 1457 + 62 = \underline{1727}</math></p> <p>25. <math>675 \div 6 = \underline{112 \text{ r}3}</math></p> <p>27. 930</p> <p>29. 3587</p> <p>31. Kim = 19 pictures<br/>Jane = <math>19 \times 6 = 114</math> pictures<br/>Jane = <math>114 - 19 = \underline{95 \text{ more pictures}}</math></p> <p>33. 35, 36, 37, 38, <u>39</u>, 40<br/><math>39 \div 6 = 6 \text{ r}3</math><br/><math>39 \div 3 = 13</math></p> <p>35. <math>\\$10.00 - \\$2.05 = \underline{\\$7.95}</math></p> <p>37. <math>\\$(68.00 + \\$104.20 + 40.00) = \\$212.00</math></p> <p>39. <math>360 - 45 = 315</math><br/><math>315 \div 9 = 35</math> stickers<br/>Each pupil gets <u>35 stickers</u></p> | <p>22. 497, <u>1497</u>, 2497, 3497</p> <p>24. <math>203 \times 8 = \underline{1624}</math></p> <p>26. Children = 1 unit<br/>Adults = 4 units<br/><math>(4 + 1) = 5</math> units<br/><math>250 \div 5 = 50</math><br/><math>250 - 50 = \underline{200 \text{ adults}}</math></p> <p>28. <math>6 \times 6 = 36</math></p> <p>30. <math>64 - 5 = 59</math> years<br/>Lynn = 12 years<br/>Mothre = <math>59 - 12 = \underline{47 \text{ years old}}</math></p> <p>32. <math>42 \times 7 = \underline{294}</math></p> <p>34. Four hundred four dollars and 5 cents<br/>= <u><math>\\$404.05</math></u></p> <p>36. <math>\\$(3.60 + 1.85 + 0.95) = \underline{\\$6.40}</math></p> <p>38. 630cm = 6m 30cm</p> <p>40. <math>814 - 260 = 754</math><br/><math>754 \div 2 = 277 + 260</math><br/>= <u>537 girls</u></p> |
|---|--|

41.  $35 \times 6 = 210$  soaps  
 $210 \div 7 = 30$  packets

John get 30 packets

42.  $270 \div 2 = 135$   
 $135 - 35 = 100$

Harris has 100 marbles

43. Billy = \$680.00  
Jack = \$680.00 - \$300  
= \$380.00  
= \$380 - \$40.00  
= \$340.00

Jack has \$340.00

44a. Dress = \$34.20  
Handbag = \$34.20 + \$10.50  
= \$44.70

$$(44.70 + 34.20) = \underline{\$78.90}$   
She spends \$78.90 altogether

b.  $$(100.00 - 78.90) = \underline{\$21.10}$  changed

45a.  $4 \text{ adults} \times \$30.00 = \$120.00$   
Adult paid \$120.00 altogether

b.  $$(185.00 - 120.00) = \$65.00$   
 $\$65.00 \div 5 = \$13.00$   
Each child pay \$13.00