



AI TONG SCHOOL
2012
SEMESTRAL ASSESSMENT 1
PRIMARY 3
MATHEMATICS

DURATION : 1 h 30 min

DATE : 14 May 2012

INSTRUCTIONS

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

Name : ()

Class : Primary 3 ()

| |
|----------------------------------|
| Parent's Signature: _____ |
| Date : _____ |

| | |
|------------------|------------|
| Section A | 40 |
| Section B | 40 |
| Section C | 20 |
| Total | 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 with a 2B pencil. (40 marks)

- 1 How many tens are there in 1200?
- (1) 1
 - (2) 12
 - (3) 120
 - (4) 1200
- 2 In 8469, what is the value of the digit '9'?
- (1) 9
 - (2) 90
 - (3) 900
 - (4) 9000
- 3 Which of the following has the least value?
- (1) 1340
 - (2) 1304
 - (3) 1430
 - (4) 1034
- 4 What is 3 thousands, 13 tens and 4 ones?
- (1) 3017
 - (2) 3134
 - (3) 4304
 - (4) 4340

5 How many fives make 135?

- (1) 5
- (2) 13
- (3) 15
- (4) 27

6 1000 more than 3000 is the same as _____ hundreds.

- (1) 4000
- (2) 400
- (3) 40
- (4) 4

7 What number must be divided by 2 to give a quotient of 220 and a remainder of 1?

- (1) 109
- (2) 111
- (3) 438
- (4) 441

8 Mary has 35 sweets. She ate 2 sweets and packed the rest equally into bags of 3.
How many bags does she need?

- (1) 10
- (2) 11
- (3) 105
- (4) 107

9 Ali has 2 fifty-cent coins, 3 ten-cent coins and 6 five-cent coins. How much does he have?

- (1) \$0.65
- (2) \$1.00
- (3) \$1.30
- (4) \$1.60

10 $7 \times 9 = \boxed{} \div 3$. What is the missing number in the box?

- (1) 21
- (2) 63
- (3) 162
- (4) 189

11 How many 3-digit odd numbers can be formed with the following digits?

| | | |
|---|---|---|
| 1 | 5 | 0 |
|---|---|---|

- (1) 1
- (2) 2
- (3) 3
- (4) 4

12 $4685 + 1253 = 9000 - \underline{\hspace{2cm}}$

- (1) 3017
- (2) 3062
- (3) 5568
- (4) 5938

- 13 The sum of two numbers is 360. The bigger number is twice as much as the smaller number. What is the smaller number?
- (1) 120
 - (2) 160
 - (3) 180
 - (4) 240
- 14 Helen sold 124 pancakes on Monday. She sold 12 fewer pancakes on Monday than on Tuesday. How many pancakes did she sell on both days?
- (1) 112
 - (2) 136
 - (3) 236
 - (4) 260
- 15 Sam is 9 years old. His grandfather is 9 times his age. How old will he be when his grandfather is 85 years old?
- (1) 21
 - (2) 18
 - (3) 13
 - (4) 4
- 16 Joey had 1654 beads. She gave 267 beads to each of her 4 friends. How many beads had she left?
- (1) 586
 - (2) 712
 - (3) 1068
 - (4) 1387

17 5 similar books cost \$65. How much did Mrs Goh pay for 7 such books?

- (1) \$13
- (2) \$26
- (3) \$72
- (4) \$91

18 Uncle Joe had 58 apples and 64 oranges. Half of the apples were rotten. How many fruits had he left?

- (1) 61
- (2) 90
- (3) 93
- (4) 122

19 A bar of chocolate costs twice as much as a sweet. 3 sweets cost \$0.60. How much does a bar of chocolate cost?

- (1) \$0.40
- (2) \$1.20
- (3) \$1.80
- (4) \$3.60

20 Fatimah bought 4 bars of soap at \$1 each, a packet of tissue for \$0.30 and a can of soda for \$1.40. How much change would she get back if she gave the cashier \$10?

(1) \$2.70

(2) \$4.30

(3) \$5.70

(4) \$7.30

Section B

Questions 21 to 40 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)

21 Write five thousand, one hundred and three in figures.

Ans: _____

22 In 1489, the digit '8' is in the _____ place.

Ans: _____

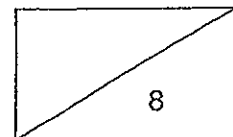
23 Look at the pattern below. What is the missing number?

| | | | | | |
|-----|-----|-----|---|------|------|
| 100 | 200 | 400 | ? | 1600 | 3200 |
|-----|-----|-----|---|------|------|

Ans: _____

24 Susie is taller than Wendy and May. Wendy is shorter than May. If the 3 girls stand in line from the shortest to the tallest, who is in the middle?

Ans: _____



25 What is the **second greatest** number that can be formed with all the given digits?



Ans: _____

26 What is the missing number in the box?

$$\begin{array}{r} 6 \square 19 \\ - 2651 \\ \hline 3568 \end{array}$$

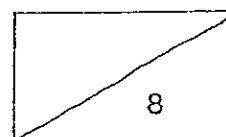
Ans: _____

27 I bought 56 cans of soda. I plan to drink one can of soda every day. How many weeks will the 56 cans of soda last?

Ans: _____

28 $850 \div 5 = 17 \times$

Ans: _____



- 29 I am the smallest two-digit odd number that can be divided by 5.
What number am I?

Ans: _____

30 $A + B = 456$

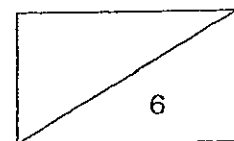
$A + B + C = 521$

What is the value of C ?

Ans: _____

- 31 When you buy 3 lollipops, you will get 1 free. Bala bought 25 lollipops. How many free lollipops did he get?

Ans: _____



- 32 Mrs Lim has 149 lemons. She puts them into baskets of 9. How many more lemons does she need to complete the last basket?

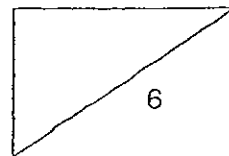
Ans: _____

- 33 Tricia has 6 coins that add up to \$0.90. Some of them are 20-cent coins and the rest are 10-cent coins. How many 10-cent coins does she have?

Ans: _____

- 34 Tom bought 2 rulers and 3 pencils for \$3.20. How much did he pay for 6 such rulers and 9 such pencils?

Ans: \$ _____



- 35 Julia has 12 beads. Mimi has 28 beads. How many beads must Mimi give to Julia so that they will have equal number of beads?

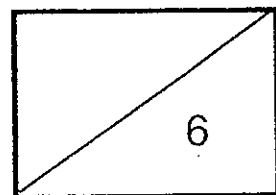
Ans: _____

- 36 Angie went to the zoo with her two daughters. She paid a total of \$32 for the entrance tickets. If the adult ticket cost \$20, how much was a child ticket?

Ans: \$ _____

- 37 Siti arranged 8 beads evenly around a square photo frame. How many beads were there on each side of the photo frame?

Ans: _____



38 Mrs Lee has 353 stickers. If she gives each of her pupils 7 stickers, she would be left with 3 stickers. How many pupils does she have in her class?

Ans: _____

39 The product of 2 facing page numbers is 132. What are the 2 page numbers?

Ans: _____ and _____

40 Sam bought one marble on Monday. For each following day, he would buy twice the number of marbles that he had bought the day before. How many marbles would he have bought by Friday?

Ans: _____

Section C

Questions 41 to 45 carry 4 marks each.

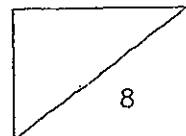
Show your working clearly in the space provided below each question and write your answers in the spaces provided. (20 marks)

- 41 Mr Wong arranged 136 chairs into 8 equal rows in the school hall. Later, he added some chairs and as a result, there were then 20 chairs in each of the 8 rows. How many chairs did Mr Wong add?

Ans: _____

- 42 Mrs Choy bought 20 forks and spoons for \$48. Each fork cost \$2. Each spoon cost \$3. How many forks did she buy?

Ans: _____

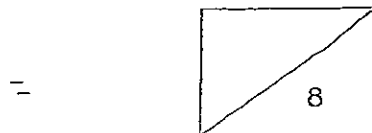


- 43 Jim has 2 pairs of pants, a black pair and a blue pair. He has 3 shirts, a white shirt, a green shirt and a grey shirt. How many different outfits can he put together?

Ans: _____

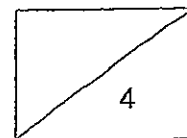
- 44 At a concert, there are 1432 men. The number of men is 225 more than the number of women. The number of children is 856 fewer than the number of women. How many children are there?

Ans: _____



- 45 Michael has just enough money to buy 5 pens at 80¢ each and 4 notebooks at \$2 each. If he decides to buy only notebooks with all his money, how many notebooks would he get?

Ans: _____



End of Paper

Please check your work carefully!



ANSWER SHEET

EXAM PAPER 2012

SCHOOL : AI TONG PRIMARY SCHOOL

SUBJECT : PRIMARY 3 - MATHEMATICS

TERM : SA 1

SECTION A

| | | | | | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|
| Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 | Q9 | Q10 | Q11 | Q12 | Q13 | Q14 | Q15 | Q16 |
| 3 | 1 | 4 | 2 | 4 | 3 | 4 | 2 | 4 | 4 | 2 | 2 | 1 | 4 | 3 | 1 |

| | | | |
|-----|-----|-----|-----|
| Q17 | Q18 | Q19 | Q20 |
| 4 | 3 | 1 | 2 |

SECTION B

21. 5103
22. tens
23. 800
24. May
25. 9501
26. 2
27. 8
28. 10
29. 15
30. 65
31. 8
32. 4
33. 3
34. \$9.60
35. 8
36. \$6
37. 2
38. 50
39. 11 and 12
40. 31

SECTION C

41. $20 \times 8 = 160$

$160 - 136 = 24$

Mr Wong added 24 chairs.

42. 12

43. 6

44. $1432 - 225 = 1207$

$1207 - 856 = 351$

There are 351 children.

45. $80 \square \times 5 = \$4$

$\$2 \times 4 = \8

$\$4 + \$8 = \$12$

$\$12 \div \$2 = 6$

He would get 6 notebooks.