



AI TONG SCHOOL
2011
SEMESTRAL ASSESSMENT 1
PRIMARY 3
MATHEMATICS

DURATION : 1 h 30 min

DATE : 11 MAY 2011

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 In 5471, what is the value of the digit '7'?

- (1) 7
- (2) 70
- (3) 71
- (4) 700

2 How many hundreds are there in 91~~00~~?

- (1) 9
- (2) 90
- (3) 91
- (4) 910

3 What is 4 thousands, 16 hundreds, 2 tens and 80 ones?

- (1) 4170
- (2) 4188
- (3) 5280
- (4) 5700

4 Which of the following has the greatest value?

- (1) 1909
- (2) 1999
- (3) 1099
- (4) 1990

5 What number is 230 less than 2975?

- (1) 2675
- (2) 2745
- (3) 3205
- (4) 3275

6 $\times 8 = 32 + 16 + 8$.

What is the missing number?

- (1) 56
- (2) 16
- (3) 7
- (4) 4

7 What number must be divided by 9 to give 216?

- (1) 24
- (2) 225
- (3) 240
- (4) 1944

8 Mr Tan baked 225 jam tarts. He kept 3 tarts for himself and distributed the rest equally among 6 friends. How many tarts did each friend get?

- (1) 37
- (2) 38
- (3) 75
- (4) 222

9 What is the value of 5 twenty-cent coins and 9 five-cent coins?

- (1) \$1.15
- (2) \$1.45
- (3) \$2.05
- (4) \$5.95

10 Multiply 209 by 5. The answer is _____ more than 85.

- (1) 126
- (2) 960
- (3) 1045
- (4) 1130

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

5

6

7

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

12 What must be added to 2456 to make 7500?

- (1) 3054
- (2) 5044
- (3) 5156
- (4) 9956

- 13 The difference between 2 numbers is 64. The smaller number is 18. What is the bigger number?
- (1) 22
 - (2) 46
 - (3) 82
 - (4) 128
- 14 Mr Lim had 5138 animals on his farm. He sold some of these animals and was then left with 1230 animals. How many animals did he sell?
- (1) 3890
 - (2) 3908
 - (3) 4908
 - (4) 6368
- 15 Bala has 126 marbles. Delwyn has twice as many marbles as Bala. How many marbles do the two of them have altogether?
- (1) 242
 - (2) 252
 - (3) 378
 - (4) 504
- 16 What is the quotient when 567 is divided by 4?
- (1) 53
 - (2) 141 $\frac{3}{4}$
 - (3) 282
 - (4) 563

17 The product of 2 numbers is 120. If one of the numbers is 5, what is the other number?

- (1) 24
- (2) 96
- (3) 144
- (4) 600

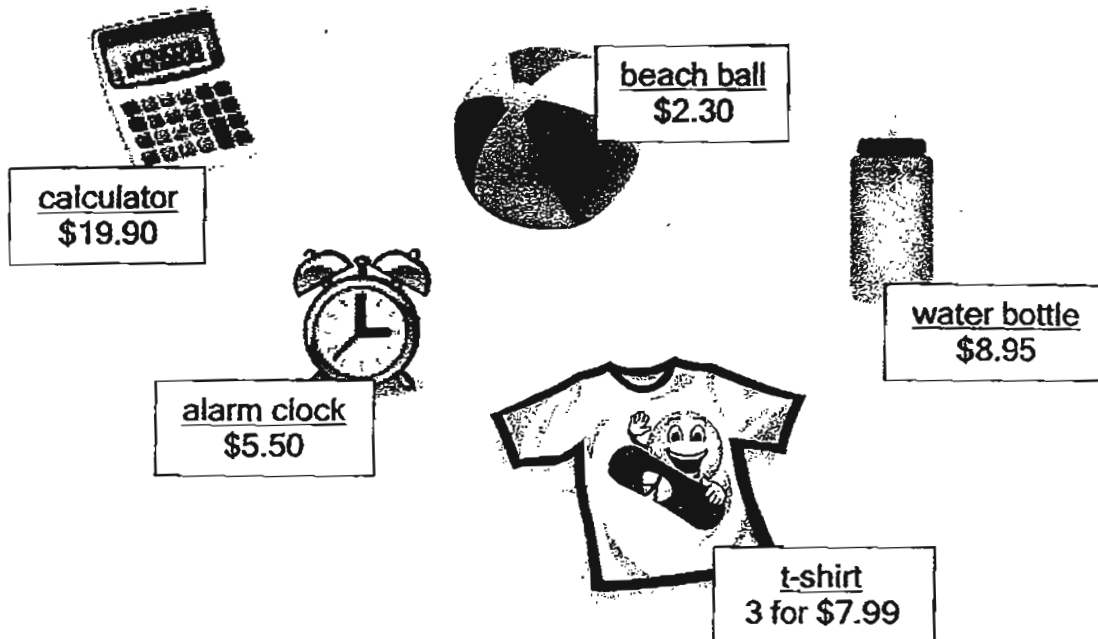
18 There are 18 girls and 22 boys in Primary 3K. 8 girls and 11 boys wear spectacles. How many children in Primary 3K do **not** wear spectacles?

- (1) 19
- (2) 21
- (3) 22
- (4) 40

19 2 pens cost as much as 1 book. 5 books cost \$100. How much does 1 pen cost?

- (1) \$10
- (2) \$20
- (3) \$40
- (4) \$50

20 Sally went shopping with \$10. Which of the following could she purchase?



- (1) A calculator
- (2) Three t-shirts
- (3) Two alarm clocks
- (4) A water bottle and a beach ball

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 eight thousand, nine hundred and twenty-two in figures.

Ans: _____

22 In 9105, the digit '0' is in the _____ place.

Ans: _____

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

1250	1135	1020	?	790
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Ans: _____

24 Some boys are queuing to buy their food. Zhiwei is the 4th boy from the front of the queue. He is also the 5th boy from the back of the queue. How many boys are there altogether in the queue?

Ans: _____

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



Ans: _____

- 26 What is the missing number in the box?

$$\begin{array}{r} 9 \boxed{} 7 5 \\ - 4 8 7 7 \\ \hline 4 2 9 8 \end{array}$$

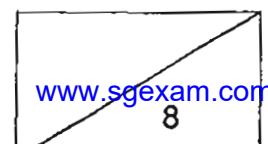
Ans: _____

- 27 I think of a number. I divide it by 3 and then add 7. The answer is 11. What is the number?

Ans: _____

28 $523 - \boxed{} = 19 \times 7$

Ans: _____



- 29 Miss Chong has 143 fruits. She packs them into bags of 6. How many fruits were left unpacked?

Ans: _____

30 $\diamond + \heartsuit = 260$

$\heartsuit + \heartsuit + \heartsuit = 240$

What is the value of $\diamond$?

Ans: _____

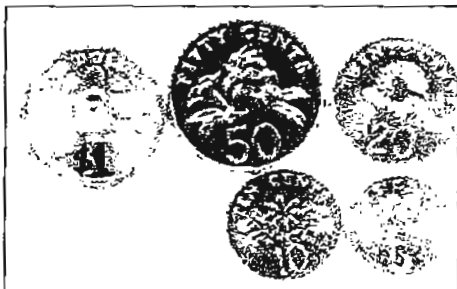
- 31 Ruth has 157 sweets. She has 36 sweets fewer than Sean. How many sweets do they have altogether?

Ans: _____

- 32 A double-decker bus can carry 96 passengers at one time. How many passengers can 8 such buses carry if all the buses are full?

Ans: _____

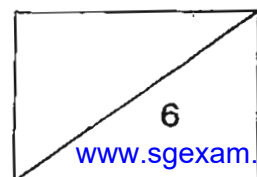
- 33 Zoe had \$11.40 in her wallet at first. Then, her mother gave her the coins shown below. How much money did Zoe have in the end?



Ans: \$ _____

- 34 Alan bought 4 erasers and 1 file for \$9. 4 such erasers and 2 such files cost \$16. How much did Alan pay for 2 erasers?

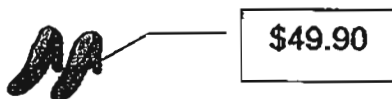
Ans: \$ _____



- 35 Hannah has the same number of beads as Su Mei at first. Su Mei has 152 beads after giving 38 beads to Hannah. How many beads does Hannah have at first?

Ans: _____

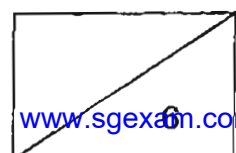
- 36 Mrs Tay bought a dress and a pair of shoes as shown. She gave the cashier two \$50 notes and three \$10 notes. How much change did she receive?



Ans: \$ _____

- 37 15 scouts were awarded at least one badge this year. 9 of them were awarded the Fitness Challenge badge. 8 of them were awarded the Adventure Challenge badge. How many scouts were awarded **both** badges?

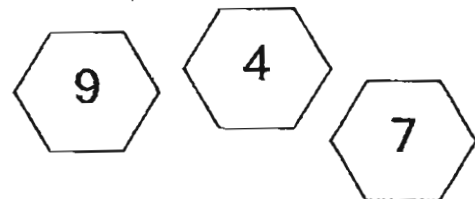
Ans: _____



- 38 Mdm Sharifah had some eggs. She used 15 eggs to bake some cakes. She then bought another 24 eggs. In the end, she had 38 eggs. How many eggs did she have at first?

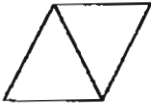
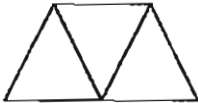
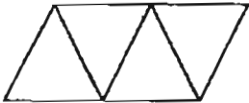
Ans: _____

- 39 Each card has a different number. Find the **greatest** score possible by multiplying two of the numbers and adding the third.



Ans: _____

- 40 Mei Ling arranged some sticks of equal lengths to form the following figures:

			
Figure 1	Figure 2	Figure 3	Figure 4
3 sticks	5 sticks	7 sticks	9 sticks

If she continues with this arrangement, how many sticks will she need to form Figure 8?

Ans: _____



Section C

Questions 41 to 45 carry 4 marks each.

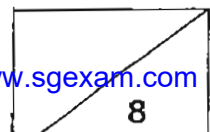
Show your working clearly in the space provided below each question and write your answers in the spaces provided. (20 marks)

- 41 10 000 visitors viewed an exhibition yesterday. 907 people went in the morning and six times as many people went in the afternoon. The rest went in the evening. How many people went to view the exhibition in the evening?

Ans: _____

- 42 Two years ago, Gavin was 8 years old. Now, he is twice as old as his brother. How old is Gavin's brother now?

Ans: _____



- 43** Each book costs \$4 and each pen costs \$3. Mr Abdullah spent a total of \$252 on an equal number of books and pens. How many books did he buy?

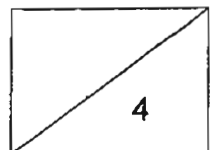
Ans: _____

- 44** Vanessa and Desiree shared a sum of money equally. After Vanessa gave Desiree \$240, Desiree had five times as much money as Vanessa. How much did the two girls have in all?

Ans: _____

- 45** In a class of 42 pupils, each boy received 3 stickers and each girl received 4 stickers from their teacher. Altogether, the teacher gave out 154 stickers. How many girls were there in this class?

Ans: _____



End of Paper

Please check your work carefully!

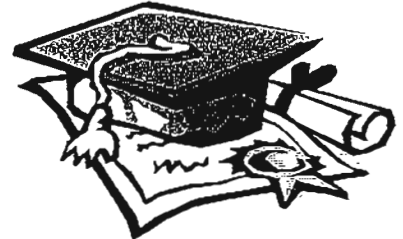


ANSWER SHEET

EXAM PAPER 2011

SCHOOL : AITONG
SUBJECT : PRIMARY 3 MATHEMATICS

TERM : SA1



Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17
2	3	4	2	2	3	4	1	2	2	2	2	3	2	3	2	1

Q18	Q19	Q20
2	1	2

21)8922 22)tens 23)905 24)8 25)8406

26)1 27)12 28)390 29)5 30)180

31)350 32)768 33)\$13.25 34)\$1 35)190

36)\$1.20 37)2 38)29 39)67 40)17

41) $907 \times 6 = 5442$
 $5442 + 907 = 6349$
 $10000 - 6349 = 3651$

42) $8 + 2 = 10$
 $10 \div 2 = 5$

43) $4 + 3 = 7$
 $252 \div 7 = 36$

44) $240 \div 2 = 120$
 $120 \times 6 = 720$

45) $42 \times 4 = 168$
 $168 - 42 = 126$
 $154 - 126 = 28$