

NANYANG PRIMARY SCHOOL
FIRST SEMESTRAL EXAMINATION
2006

PRIMARY 3
MATHEMATICS

DURATION: 1 HOUR 45 MINUTES

Section A	/ 40
Section B	/ 40
Section C	/ 20

Total:	/ 100
--------	-------

Name: _____ ()

Class: Primary 3 ()

Date: 10 May 2006

Parent's Signature: _____

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.

FOLLOW ALL INSTRUCTIONS CAREFULLY.

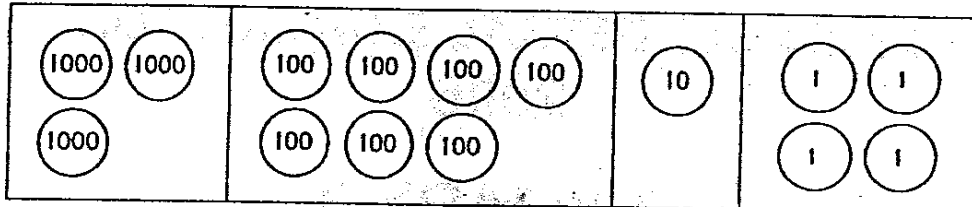
ANSWER ALL QUESTIONS.

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.

(Total: 40 marks)

1. What number is shown below?



- (1) 2714
(3) 3704

- (2) 3614
(4) 3714

2. What is the value of 7 thousands, 11 hundreds and 20 tens?

- (1) 7130
(3) 8120

- (2) 7310
(4) 8300

3. What is the missing number in the box?

$$6643 - 512 = \square$$

- (1) 6113
(3) 6155

- (2) 6131
(4) 7155

4. What is 2733 more than 7145?

- (1) 4412
(3) 9878

- (2) 8878
(4) 9887

5. Study the four numbers in the box below. What is the difference between the largest number and the smallest number?

3012,	3120,	1302,	1320
-------	-------	-------	------

- ~~(1)~~ 1692 ~~(2)~~ 1710
~~(3)~~ 1800 ~~(4)~~ 1818

6. What is the missing digit in the box?

$$\begin{array}{r}
 4 \square 12 \\
 - \quad 871 \\
 \hline
 3841
 \end{array}$$

- ~~(1)~~ 0 ~~(2)~~ 6
~~(3)~~ 7 ~~(4)~~ 9

7. Noraini has 1538 stamps in her stamp collection. She has 1460 more stamps than Susan. How many stamps does Susan have?

- ~~(1)~~ 78 ~~(2)~~ 178
~~(3)~~ 2198 ~~(4)~~ 2998

8. A noodle stall seller sold a total of 5056 bowls of noodles in August and September. If he sold 2285 bowls of noodles in August, how many bowls of noodles did he sell in September?

- ~~(1)~~ 2771 ~~(2)~~ 2871
~~(3)~~ 3231 ~~(4)~~ 7341

W

9. Study the four numbers in the box below. What is the sum of all the odd numbers?

3747, 4377, 3478, 3742

~~(1)~~ 6110
~~(3)~~ 7220

~~(2)~~ 7014
~~(4)~~ 8124

10. There are 153 more boys than girls in Victory Primary School. If there are 1289 girls, how many pupils are there altogether?

~~(1)~~ 1442
~~(3)~~ 2425

~~(2)~~ 1595
~~(4)~~ 2731

11. Complete the following number pattern.

8, 16, 48, _____, 960, 5760

~~(1)~~ 72
~~(3)~~ 912

~~(2)~~ 192
~~(4)~~ 4800

12. Find the product of 901 and 8.

~~(1)~~ 909
~~(3)~~ 7208

~~(2)~~ 7201
~~(4)~~ 7288

13. Kate has 109 Pokemon cards. Mary has 10 times as many Pokemon cards as Kate. How many Pokemon cards does Mary have?

~~(1)~~ 19
~~(3)~~ 1090

~~(2)~~ 99
~~(4)~~ 1091

14. What is the missing number in the box?

$$\square \div 7 = 126$$

(1) 18
(3) 133

(2) 119
(4) 882

15. 784 marbles were shared by 8 pupils equally. How many marbles did each pupil receive?

(1) 87
(3) 97

(2) 88
(4) 98

16. Mrs Tan has 490 green apples and 320 red apples. Mrs Goh has twice as many apples as Mrs Tan. How many apples does Mrs Goh have?

(1) 640
(3) 980

(2) 810
(4) 1620

17. What is the missing value in the box?

$$\$19.65 = \square + 100¢ + \$0.60 + 5¢$$

(1) \$18
(3) \$1.80

(2) \$9
(4) \$0.90

18. Huiqin bought some books which cost a total of \$78.30. She paid for her purchase with a fifty-dollar note and 3 ten-dollar notes. How much change did she receive?

(1) \$1.70
(3) \$11.70

(2) \$2.70
(4) \$18.70

19. Belinda has \$47.35. How much more money does she need if she wants to buy a doll which costs \$86.90?

~~(1)~~ \$39.55
~~(3)~~ \$133.25

~~(2)~~ \$41.65
~~(4)~~ \$134.25

20. Siva saved \$48.90. Peter saved \$11 less than Siva. How much did they save altogether?

~~(1)~~ \$37.90
~~(3)~~ \$76.80

~~(2)~~ \$75.80
~~(4)~~ \$86.80

Section B

Questions 21 to 40 carry 2 marks each. Write your answers in the blanks provided.

(Total: 40 marks)

21. Write 8037 in words.

Answer : _____

22. What is the sum of 904 and 4063?

Answer : _____

23. If the numbers in the box are arranged in an ascending order, what will the third number be?

5987, 5897, 5879, 5978

Answer : _____

24. Complete the following number pattern.

8727, 8837, 8957, 9087, _____, 9377

Answer : _____

25. What is 1147 less than 6298?

Answer : _____

26. How many tens must be added to 6789 to make 9999?

Answer : _____

27. Find the difference between 7171 and 1900. Which digit of the difference is in the hundreds place?

Answer : _____

28. The table below shows the number of points that the red group earned from July to October.

Month	July	August	September	October	November
Number of points earned	1530	1680	1874	1288	?

The number of points that the red group earned in November was the same as the total number of points earned in August and October. How many points did the red group earn in November?

Answer : _____

29. The sum of two numbers is 6754. If the smaller number is 1867, what is the difference between the two numbers?

Answer : _____

30. 762 pupils visited an old folks' home. Each pupil donated 6 oranges to the old folks. How many oranges were donated altogether?

Answer : _____

31. A baker baked 927 trays of muffins. There were 9 muffins in each tray. How many muffins were there altogether?

Answer : _____

32. There are 594 spiders in an enclosure. Each spider has 8 legs. How many legs are there altogether?

Answer : _____

33. Debbie has 6 times as many stickers as Robin. If Debbie has 834 stickers, how many stickers does Robin have?

Answer : _____

34. 815 erasers were packed equally into 9 boxes. How many erasers were left unpacked?

Answer : _____

35. An equal number of boys and girls participated in an adventure camp. They were divided equally into groups of 8. If there were 216 boys, how many groups were there altogether?

Answer : _____

36. A London Cab can ferry 7 passengers. How many London Cabs are needed to ferry 145 passengers?

Answer : _____

37. Using any four numbers in the box below, form the largest four-digit even number.

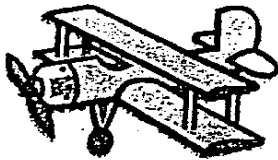
2, 4, 7, 8, 9

Answer : _____

38. Harry bought a shirt for \$48.40 and paid the shopkeeper some money. If he received \$1.60 change, how much did he pay the shopkeeper?

Answer : \$ _____

39. Mei Mei bought a toy aeroplane and a doll. How much did ^{Mei Mei} Mary spend altogether?



\$39.90



\$28.90

Answer : \$ _____

40. The total cost of a bag and a water bottle is \$39.30. If the bag costs \$26.50, how much more money does the bag cost than the water bottle?

Answer : \$ _____

Section C

Questions 41 to 45 carry 4 marks each. Do these word problems carefully.
Show your working in the space provided.

(Total: 20 marks)

41. Bibi and Baba sold 4289 roses altogether.
If Bibi sold 3391 more roses than Baba, how many roses did Baba sell?

42. For every 9 points a group scores, the group gets 2 stickers.
How many points must the group score to get 10 stickers?

43. Ming Ming has \$20.80 more than Jane.
Jane has \$61.40 less than Siti.
If Ming Ming has \$38, how much money does Siti have?

44. The pupils of ABC Primary School were going for an excursion.
If they were put into groups of 5, they formed 160 groups.
On the actual day, 8 pupils were absent.
The pupils were put into groups of 4.
How many groups were formed on the actual day?

45. Adrian had some seeds at first.
He received another 86 seeds from Minah and 194 seeds from Bala.
Now, Adrian and Bala have a total of 998 seeds.
If Adrian and Bala have the same number of seeds now, how many
seeds did Adrian have at first?

☺ *End of Paper* ☺
Please Check Carefully

Answer Sheets
Nanyang Pri 3 SA1 / 2006 Maths

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

21. Eight thousand and thirty-seven.

22. $904 + 4063 = 4967$

23. 5978

24. 8727, 8837, 8957, 9087, 9227, 9377

25. $6298 - 1147 = 5151$

26. $9999 - 6789 = 3210$
 $= 3210 \div 10$
 $= \underline{321}$

27. $7171 - 1900 = 5271$
2 = hundreds place

28. August + October = $1680 + 1288$
November = 2968 points

29. $6754 - 1867 = 4887$
 $4887 - 1867 = 3020$

30. $762 \times 6 = 4572$ oranges

31. $927 \times 9 = 8343$ muffins

32. $594 \times 8 = 4752$ legs

33. $834 \div 6 = 139$ stickers
Robin has 139 stickers

34. $815 \div 9 = 9$ remainder 5
5 erasers left unpacked.

35. $216 \times 2 = 432$
 $= 432 \div 8$
 $= \underline{54}$ groups

36. $145 \div 7 = 20.7$
 $= 21$

37. 9874

38. $\$48.40 + \$1.60 = \underline{\$50.00}$

39. $\$(39.90 + 28.90) = \68.80

40. $\$(39.30 - 26.50) = \12.80
 $\$(26.50 - 12.80) = \underline{\$13.70}$

$$\begin{aligned}
 41. \text{ Bibi + Baba} &= 4289 \text{ roses} \\
 \text{Bibi} &= 4289 - 3391 \\
 &= 898 \text{ roses} \\
 \text{Baba} &= 898 \div 2 \\
 &= 449 \text{ roses}
 \end{aligned}$$

Baba sold 449 roses.

$$\begin{aligned}
 42. \text{ 2 stickers} &= 9 \text{ points} \\
 \text{1 sticker} &= 4.5 \text{ points} \\
 \text{10 stickers} &= 45 \text{ points}
 \end{aligned}$$

The group must scored **45 points** to get 10 stickers.

$$\begin{aligned}
 43. \text{ Ming Ming} &= \$38.00 \\
 \text{Jane} &= \$(38 - 20.80) \\
 &= \$17.20 \\
 \text{Siti} &= \$(61.40 + 17.20) \\
 &= \$78.60
 \end{aligned}$$

Siti has **\\$78.60**

$$\begin{aligned}
 44. \text{ 160 x 5} &= 800 \text{ pupils} \\
 &= 800 - 8 \\
 &= 792 \text{ pupils} \\
 &= 792 \div 4 \\
 &= 198
 \end{aligned}$$

198 groups were formed on the actual day.

$$\begin{aligned}
 45. \text{ Adrian} &= 86 + 194 \\
 &= 280 \text{ seeds} \\
 \text{Adrian + Bala} &= 998 \div 2 \\
 &= 499 \text{ seeds} \\
 &= 499 - 280 \\
 &= 219 \text{ seeds}
 \end{aligned}$$

Adrian has **219 seeds** at first.