NANYANG PRIMARY SCHOOL

FIRST SEMESTRAL EXAMINATION 2011

PRIMARY 3

MATHEMATICS

DURATION: 1 HOUR 45 MINUTES

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

Total:	/ 100

Name: _____ ( )

Class: Primary 3 ( )

Date: _____

Parent's Signature: _____

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

FOLLOW ALL INSTRUCTIONS CAREFULLY.

ANSWER ALL QUESTIONS.

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.

(40 marks)

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1. 360 is 940 less than _____ tens.

    (1) 58   (2) 130
    (3) 580   (4) 1300

2. 5639 is the same as _____.

    (1) 5 thousands + 63 hundreds + 9 ones

    (2) 5 thousands + 6 hundreds + 39 tens

    (3) 5 thousands + 5 hundreds + 23 tens + 9 ones

    (4) 5 thousands + 6 hundreds + 3 tens + 9 ones

3. 4560 is _____ than 6560.

    (1) 20 tens more

    (2) 20 tens less

    (3) 20 hundreds more

    (4) 20 hundreds less

4. Find the missing number in the number sentence below.

$$\boxed{} - 523 = 698$$

(1) 171   (2) 175
(3) 1121   (4) 1221

5. Find the value of 2938 + 4436.

(1) 6364   (2) 6374
(3) 7364   (4) 7374

6. Simon has 1687 stamps in his collection.
His brother gives him 212 stamps.
How many stamps does he have in his collection now?

(1) 1895   (2) 1899
(3) 1900   (4) 1909

7. Junior bought 1593 marbles.
He bought 132 more marbles than his brother.
How many marbles did they buy altogether?

(1) 2954   (2) 3054
(3) 3312   (4) 3318

8. Susan has 324 books.
   Joan has 1121 more books than Susan.
   If Susan bought another 220 books, how many books will they have altogether now?

   (1)   1445   (2)   1769
   (3)   1981   (4)   1989

9. Mr. Tan had 6259 pens in his shop after he bought another 2143 pens.
   How many pens were there in his shop at first?

   (1)   4116   (2)   4152
   (3)   8316   (4)   8402

10. A drink seller had 7523 cans of drink at the beginning of a fun fair.
    By the end of the day, he had 4312 cans of drink left.
    How many cans of drink did he sell?

    (1)   3211   (2)   3215
    (3)   3231   (4)   3235

11. Find the difference of P and Q in the number pattern below.

    P , 42, 35 , Q , 21 , 14

    (1)   21   (2)   28
    (3)   49   (4)   77

3

12. There are 21 girls and 23 boys in every class.
How many pupils are there in 7 such classes?

(1) 147   (2) 161
(3) 288   (4) 308

13. Study the table below and find the value of A.

4	5	6	...	201
32	40	48	...	A

(1) 168   (2) 209
(3) 608   (4) 1608

14. $25 \times 6 = \underline{\quad} \times 10$

(1) 12   (2) 15
(3) 29   (4) 36

15. Raj borrowed 18 books more than Nurul.
Both of them borrowed a total of 220 books.
How many books did Nurul borrow?

(1) 101   (2) 110
(3) 119   (4) 202

4

16. There are a total of 200 bookmarks in 8 packets.
There is an equal number of bookmarks in each packet.
Which one of the following number sentences below gives the total
number of bookmarks in 6 packets?

   (1)   8 x 6   (2)   25 x 6

   (3)   200 ÷ 6   (4)   200 ÷ 8

17. Matthew had $8.50.
He bought a pen for $2.05.
How much change did he get?

   (1)   600¢   (2)   645¢

   (3)   1055¢   (4)   6045¢

18. Mrs Tay bought a dress for $70.90 and received a change of $9.10 from
the cashier.
She gave the cashier 5 ten-dollar notes and some five-dollar notes.
How many five-dollar notes did she give to the cashier?

   (1)   6   (2)   8

   (3)   10   (4)   16

19. Nora bought an eraser at 65¢ and a notebook at $1.20.
If she had $20, how much money did she have left after paying for the
eraser and notebook?

   (1) $0.15   (2) $1.50

   (3) $12.30   (4) $18.15

20. A fan cost $49.50 in Shop A.
Zul wanted to buy the similar fan in Shop B during a sale.
He had $36.80 and found that he was short of $3.20.
What was the difference in price between the fan in Shop A and the fan in Shop B?

(1) $3.20

(2) $9.50

(3) $12.70

(4) $15.90

Questions **21** to **40** carry 2 marks each. Show your working clearly in the space below each question and write the answers in the spaces provided. For questions which require units, give your answers in the units stated.

(40 marks)

21. Write 6948 in words.

_____

_____

22. Arrange the following numbers below in **ascending** order.

8936 , 8963 , 8693 , 8398

_____ , _____ , _____ , _____

23. 312 female athletes participated in a sports meet.
There were 214 more male athletes than female athletes.
How many athletes participated in the sports meet?

Ans: _____

24. Stanford has $516.
Jill has $24 more than Stanford and Simon has $72 more than Jill.
How much money does Simon have?

Ans: $ _____

25. There are 3948 pupils in School A.
The number of pupils in School A is 527 fewer than the number of pupils in School B.
How many pupils are there in School B?

Ans: _____

26. In a concert, there were 736 adults.
There were 127 more girls than adults.
If there were 149 more boys than girls at the concert, how many boys attended the concert?

Ans: _____

27. Library A had 498 more books than Library B.
If Library A donates 125 books to Library B, how many more books will Library A have than Library B now?

Ans: _____

28. What is the missing digit?

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    4   9   8   7
+   5  [ ]  1   3
-----------------
1   0   0   0   0
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Ans: _____

29. A factory produced 5349 buns on Monday.
That was 697 more than what it produced on Sunday.
How many buns did the factory produce on Sunday?

Ans: _____

30. Find the product of 235 and 6.

Answer : _____

31. When a number is divided by 8, the answer is 110 with no remainder.
Find the quotient when the number is divided by 4.

Answer : _____

32. There were 410 seashells in a box.
What is the total number of seashells in 9 such boxes?

Answer : _____

33. There were some chickens and sheep on a farm.
The total number of legs of the chickens and sheep was 150.
If there was an equal number of chickens and sheep, what is the total
number of chickens and sheep on the farm?

Answer : _____

34. Jimmy had some chocolates and 81 sweets.
He packed 10 chocolates and 7 sweets into each goodie bag.
He had 4 sweets left after packing the sweets into the goodie bags.
If there were no chocolates left, how many chocolates did Jimmy have?

Answer : _____

35. John read 9 pages of a fiction book each day.
If the book has a total of 110 pages, how many pages did he read on the last day?

Answer : _____

36. At a carnival, the first 25 children to arrive paid $125 altogether for the entrance fee.
The rest of the children paid $8 each.
The total entrance fees collected from all the children who visited the carnival was $1029.
How many children came after the first 25 children?

Answer : _____

37. Using the 4 digits from the product of 609 and 5, form the smallest 4-digit even number.
Each digit can only be used once.

Answer : _____

38. Mariah bought two pairs of jeans at $39.90 each.
How much change did she get when she gave the cashier $100?

Answer : $_____

39. A highlighter cost 80¢ more than a pen.
If the pen cost $1.25, how much did 2 highlighters and 1 pen cost?

Answer : $_____

12

40. Peter had $5.70 less than Sandra.
Sandra used all her money to buy a watch for $39 and a hair band for $2.20.
How much money did Peter and Sandra have altogether at first?

Answer : $_____

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

(Total: 20 marks)

41 There were 1236 paintings and 678 sculptures at an exhibition.
If 635 paintings and 237 sculptures were not sold at the end of the exhibition, how many more paintings than sculptures were sold during the exhibition?

42. Samy had some marbles.
After losing 24 marbles during a game, he went to buy 3 packets of marbles.
There were 14 marbles in each packet.
If he had 65 marbles in the end, how many marbles did he have at first?

43. A toaster cost $20.50 more than an iron.
Two toasters and an iron cost $131.
How much did the iron cost?

44 James collected some rocks and seashells during his beach vacation.
He collected 4 rocks and 7 seashells on the first day.
His rock collection would double each day while his seashells collection
would triple each day.
How many seashells would he collect during the vacation if he collected
64 rocks at the end of the trip?

45 The sum of 5 numbers is 3025.

The sum of the first and second number is 2365 and the difference between the third and fourth number is 0.

The fifth number is four times the third number.

What is the fifth number?

ANSWER SHEET

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

Q18	Q19	Q20
1	4	2

21) Six thousand, nine hundred and forty-eight.

22) 8398, 8693, 8936, 8963   23) 838   24) $612   25) 4475

26) 1012   27) 248   28) 0   29) 4652   30) 1410

31) 220   32) 3690   33) 50   34) 110   35) 2

36) 113   37) 3054   38) $20.20   39) $5.35   40) $76.70

41) $1236 - 635 = 601$
    $678 - 237 = 441$
    $601 - 441 = 160$
There were 160 more paintings than sculptures.

42) $14 \times 3 = 42$
    $65 - 42 = 23$
    $23 + 24 = 47$
He had 47 marbles at first.

43) $\$131 + \$20.50 = \$151.50$
    $\$151.50 \div 3 = \$50.50$
    $\$50.50 - \$20.50 = \$30.00$
The iron cost $30.00

44) He would collect 567 sea shells.

45) $3025 - 2365 = 660$
    $660 \div 6 = 110$
    $110 \times 4 = 440$
The fifth number is 440.