NAN HUA PRIMARY SCHOOL
PRIMARY THREE SEMESTRAL ASSESSMENT 1 – 2009
MATHEMATICS

Duration :   1 h 45 min

INSTRUCTIONS TO CANDIDATES

1. Write your name, register number and class in the blanks provided.
2. Do not turn over this page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions.
5. Write your answers in this booklet.

Marks Obtained

Total Marks: | | **/ 100**

Name : _____ (   )

Class :   P 3_____

Date :   13 May 2009   Parent's Signature : _____

Section A: Multiple Choice Questions (20 x 2 marks)

For each question, four options are given. One of them is the correct answer. Choose the correct answer and write its number (1, 2, 3 or 4) in the brackets provided. Shade the correct oval on the Optical Answer Sheet (OAS).

1.   2 074 = 2 000 + _____ + 4

   (1)   7
   (2)   70
   (3)   700
   (4)   7 000   (   )

2.   In 6 531, the value of the digit '5' is the same as _____.

   (1)   5 × 1
   (2)   5 × 10
   (3)   5 × 100
   (4)   5 × 1000   (   )

3.   Which of the following has the smallest value ?

   (1)   3 000 + 900 + 50 + 8
   (2)   3 000 + 500 + 80 + 9
   (3)   3 000 + 800 + 50 + 9
   (4)   3 000 + 500 + 90 + 8   (   )

4.   What is the sum of all the even numbers between 16 and 26 ?

   (1)   42
   (2)   84
   (3)   110
   (4)   126   (   )

5. The difference between 2 numbers is 28.
If the greater number is 61, what is the other number ?

    (1)   89
    (2)   59
    (3)   33
    (4)   31   (   )

6. 3×6 is the same as _____.

    (1) $6 + 6 + 6 + 6 + 6 + 6$
    (2) $3 \times 3 \times 3 \times 3 \times 3 \times 3$
    (3) $3 + 3 + 3 + 3 + 3 + 3$
    (4) $6 \times 6 \times 6$ (   )

7. When a number is divided by 3, the answer is 9. What is the number ?
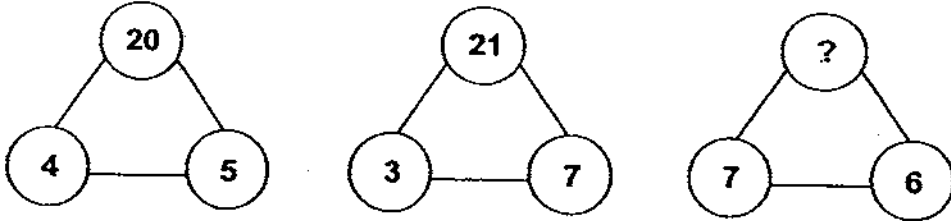
    (1)   12
    (2)   27
    (3)   3
    (4)   6   (   )

8. If ♣ $\times$ 3 = 12, then ♣ $\times$ ♣ is equal to _____.

    (1)   9
    (2)   12
    (3)   16
    (4)   18   (   )
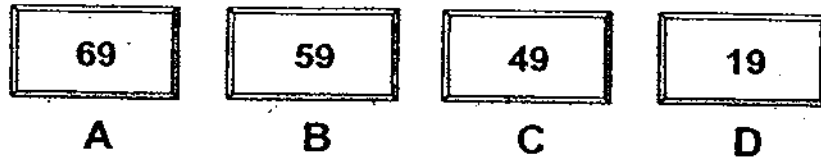
9. Study the number pattern below.

What is the missing number ?

(1) 13
(2) 22
(3) 33
(4) 42   (   )

10. The number that comes just before 2 100 is _____.

(1) 2 099
(2) 2 900
(3) 2 909
(4) 2 999   (   )

11. 54 desks are arranged in 3 rows. The number of desks in each row is the same.
How many desks are there in **2 rows** ?

(1) 18
(2) 20
(3) 36
(4) 108   (   )

12. A number is divided by 6. The quotient is 14 and the remainder is 3.
What is the number ?

(1) 32
(2) 87
(3) 102
(4) 126   (   )

4

13. Kate added 2 numbers and got the answer 108. Which 2 numbers did she add ?

69	59	49	19
A	B	C	D

(1) A and D
(2) A and B
(3) B and C
(4) B and D

( )

14. Divide 16 marbles into groups of 2. How many groups are there ?

(1) 32
(2) 18
(3) 16
(4) 8

( )

15. Divide 93 by 7. What is the remainder ?

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

( )

16. The value of 8 five-cent coins is _____ .

(1) $0.85
(2) $0.80
(3) $0.40
(4) $0.08

( )

17. Fifteen dollars and two cents can be written as _____ .

    (1) $15.02
    (2) $15.20
    (3) $50.02
    (4) $50.20

(   )

18. 325 cents = _____

    (1) $3.25
    (2) $30.25
    (3) $32.05
    (4) $32.50

(   )

19. Which of the following amount of money is the largest ?

    (1)   5 fifty-cent coins
    (2)   9 twenty-cent coins
    (3)   10 five-cent coins
    (4)   20 ten-cent coins

(   )

20. Tom and Eileen share $20 such that Tom has $4 more than Eileen. What is Tom's share ?

    (1) $ 14
    (2) $ 12
    (3) $ 8
    (4) $ 6

(   )

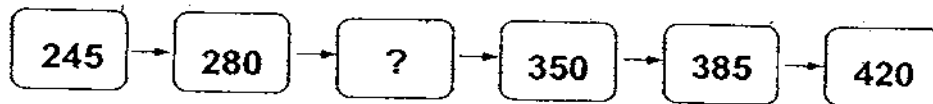**Section B: Open-Ended Questions (20 x 2 marks)**
Write the correct answers for the following questions in the blanks provided.
Show your workings in the space provided and give your answers in the units stated.

21. Write **seven thousand, nine hundred and four** in numerals.

Ans: _____

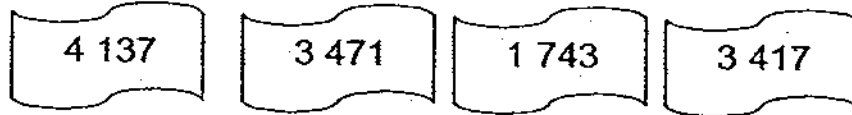22. What is the missing number in the following number pattern ?

245 → 280 → ? → 350 → 385 → 420

Ans: _____

23. What number is 100 more than 7 751 ?

Ans: _____

24. I am a **4-digit** number with the digits 2, 5, 8, and 9.
I am the **greatest** possible number between 8 000 and 9 000.
What number am I ?

Ans: _____

7

25. Arrange the numbers in order. Begin with the **greatest**.

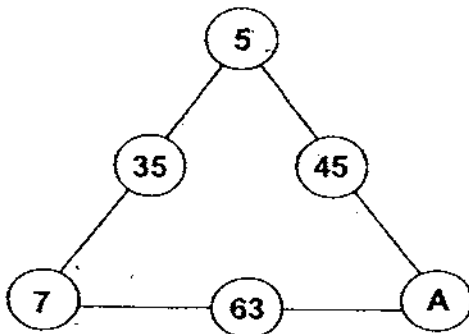| 4 137 | 3 471 | 1 743 | 3 417 |

_____ , _____ , _____ , _____

greatest

26. Find the **difference** between 6 tens and 50 hundreds ?

Ans: _____

27. A group of pupils line up in a row. Rani is the 4th person from the **left** and the 7th person from the **right**. How many pupils are there in the row ?

Ans: _____ pupils

28. Study the number pattern carefully. What number does **A** stand for ?

Ans: _____

8

29. What must be added to 255 to make 600 ?

Ans: _____

30. If $\star + \star + \star + \star = 12$

$(+ (+ (= 21$

What is the value of $\star + ($?

Ans: _____

31. In 9 257, the digit ' 5 ' is in the _____ place.

Ans: _____

32. There are 875 adults in a hall. 351 of them are women. How many men are there ?

Ans: _____ men

33. What is the missing number in the box?

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    6   9   5   8
-   2  [?]  6   6
   ───────────────
    4   5   9   2
```

Ans: _____

34. A handbag costs $259. A wallet costs $38 less than the handbag.
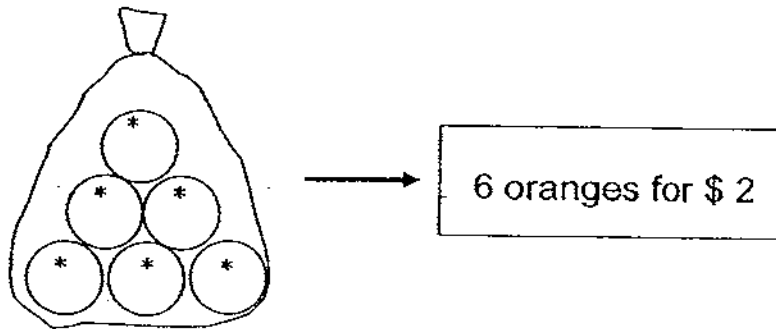How much do the 2 items cost altogether?

Ans: $ _____

35. Samuel had 75 marbles. He lost 3 marbles and packed the rest into packets of 9.
How many packets of marbles did he get ?

Ans: _____ packets

36. A baker baked 87 egg tarts. He placed them all into boxes. Each box could contain 6 egg tarts. What would be the **least** number of boxes needed to contain <u>all</u> the 87 egg tarts ?

Ans: _____ boxes

37.

→ 6 oranges for $ 2

Mother bought 24 oranges. How much did she pay ?

Ans: $_____

38. Jim has 2 ten-dollar notes, 1 five-dollar note and 8 ten-cent coins. How much does he have altogether ?

Ans: $_____

39. Mary was given the exact amount of money to buy 5 similar files. However, she only bought 3 files and had $6 left. How much was she given **at first** ?
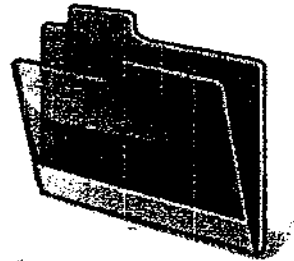
Ans: $ _____

40.

SALE !

2 pens - $4.40   1 file - $2

At a sale, Chloe bought 4 pens and 2 files. How much did she spend altogether ?

Ans: $ _____

Section C: Problem Sums (5 x 4marks)
<u>Answer all the questions. All number sentences, statements and workings must be clearly shown.</u>

41.   Mr Chong sold 1 288 cakes in January.
        He sold 560 fewer cakes in February than in January.
        How many cakes did he sell in the two months ?

42.   David and Bala have 495 stamps altogether.
        If David has 205 stamps, how many more stamps does
        Bala have than David ?

43. Mrs Tan bought 8 packets of stickers. There were 12 stickers in each packet. She gave each pupil 6 stickers.

    (a) How many stickers were there altogether ?

    (b) If she gave away all the stickers, how many pupils were there ?
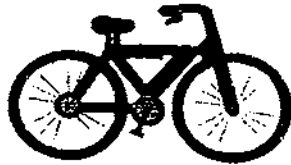
44. Raju has 80 stamps. He has twice as many stamps as Betty. Chris has 30 more stamps than Betty.
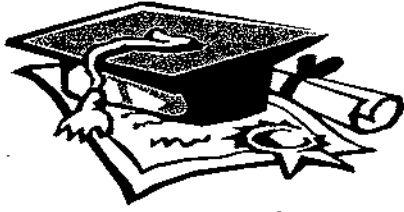
    (a) How many stamps does Betty have ?

    (b) How many stamps do the 3 children have altogether ?

45. There are 15 bicycles and tricycles in a shop.
There are 36 wheels altogether.

(a) How many bicycles are there ?
(b) How many tricycles are there ?

ANSWER SHEET

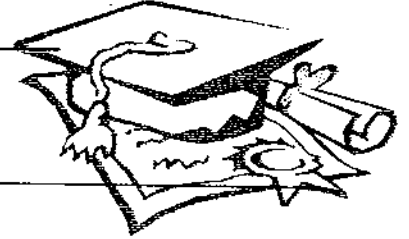SCHOOL : NAN HUA PRIMARY SCHOOL
SUBJECT : PRIMARY 3 MATHEMATICS

TERM : SA 1

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

Q18	Q19	Q20
1	1	2

21)7904   22)315   23)7851   24)8952

25)4137, 3471, 3417,1743   26)4940   27)10 pupils   28)9

29)345   30)10   31)tens   32)534men   33)3

34)$480   35)8 packets   36)15 boxes   37)$8   38)$25.80

39)$15   40)$12.80

41)1288-560=728
    728+1288=2016
    He sold 2016 cakes in the two months.

42)495-205=290
    290-205=85
    Bala have 85 more stamps than David.

43)a)8x12=96

There were 96 stickers in all.

b)96÷6=16

There were 16 pupils.

44)a)80÷2=40

Betty has 40 stamps.

b)40+30=70

70+40+80=190

They have 190 stamps altogether.

45)a)They were 9 bicycles.

b)There were 6 tricycles.