NAN HUA PRIMARY SCHOOL
CONTINUAL ASSESSMENT 1 – 2008
PRIMARY 5

MATHEMATICS

BOOKLET A

15 Multiple Choice Questions   (20 marks)

Total Time for Booklets A and B : 2 hours 15 minutes

INSTRUCTIONS TO CANDIDATES

1. Write your name and index number in the space provided.
2. Do not turn over the page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions.
5. Shade your answers in the Optical Answer Sheet (OAS) provided.

Marks Obtained

Booklet A	/20
Booklet B	/80
Total	/100

Name: _____ (   )

Class: P 5 _____

Date : 26 February 2008   Parent's Signature:_____

Section A (20 marks)

Questions 1 to 10 carry 1 mark each.

Questions 11 to 15 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) and then shade the correct oval in the optical answer sheet (OAS).

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1.   There are 648 541 residents in an estate.

      Express this number to the nearest thousand.

      (1)   650 000
      (2)   649 000
      (3)   648 000
      (4)   640 000

2.   In 3 821 740, which digit is in the <u>hundred thousands</u> place?

      (1)   1
      (2)   2
      (3)   7
      (4)   8

3.   In which of the following does the digit "3" stand for 30 000?

      (1)   345 768
      (2)   576 834
      (3)   683 457
      (4)   834 576

4. What is 1 000 less than 1 million?

   (1) 900 000
   (2) 990 000
   (3) 999 000
   (4) 999 900

5. 84 hundreds is the same as _____

   (1) 8 thousands 4 hundreds
   (2) 8 thousands 4 tens
   (3) 8 hundreds 4 tens
   (4) 8 hundreds 4 ones

6. The difference of 2 numbers is 2 615.
   If the smaller number is 1 478, what is the other number?

   (1) 4 093
   (2) 1 263
   (3) 1 137
   (4) 341

7. $360 \div 40 = 360 \div \boxed{} \div 2$

   What is the missing value in the box?

   (1) 90
   (2) 80
   (3) 20
   (4) 9

8.　　$54 \times 16 = 50 \times 16 + 4 \times \boxed{}$

What is the missing value in the box?

(1)　54
(2)　16
(3)　12
(4)　4

9　　$48 \div 72 = \dfrac{\boxed{}}{12}$

What is the missing value in the box?

(1)　8
(2)　2
(3)　6
(4)　4

10.　In an excursion, $\dfrac{7}{9}$ of the people are children and the rest are adults.

Express the number of adults as a fraction of the number of children.

(1)　$\dfrac{2}{9}$

(2)　$\dfrac{2}{7}$

(3)　$\dfrac{2}{5}$

(4)　$\dfrac{5}{7}$

11. $96 \times 24 = \boxed{} \div 3$

What is the missing value in the box?

(1) 96×8

(2) 96×21

(3) 96×27

(4) 96×72

12.   The product of three numbers is 600.

The first number is 5 and the second number is twice the first number.

What is the third number?

(1)   12

(2)   40

(3)   60

(4)   120

13.   Subtract $\dfrac{3}{5}$ from $3\dfrac{5}{10}$. What is the answer?

(1) $2\dfrac{9}{10}$

(2) $3\dfrac{2}{10}$

(3) $3\dfrac{4}{5}$

(4) $4\dfrac{1}{10}$

14. Mr. Tan had 1 litre of orange juice.

He drank $\frac{3}{5}$ litre of orange juice in the morning and $\frac{1}{4}$ litre of orange juice in the afternoon. How many litres of orange juice was left?

(1) $\frac{3}{20}$

(2) $\frac{7}{20}$

(3) $\frac{13}{20}$

(4) $\frac{17}{20}$

15. Linda ate $\frac{2}{3}$ of a regular size pizza.

Sean ate $\frac{3}{8}$ of another regular pizza.

Who ate more?

How much more?

(1)   Sean, $\frac{7}{24}$

(2)   Sean , $\frac{1}{5}$

(3)   Linda , $\frac{1}{5}$

(4)   Linda , $\frac{7}{24}$

NAN HUA PRIMARY SCHOOL
CONTINUAL ASSESSMENT 1 – 2008
PRIMARY 5

MATHEMATICS

BOOKLET B

5 Mental Sums   (5 marks)

15 Short-answer questions   (25 marks)

13 Long-answer questions   (50 marks)

Total Time for Booklets A and B : 2 hours 15 minutes

INSTRUCTIONS TO CANDIDATES

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2. Do not turn over the page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions.
5. Shade your answers in the Optical Answer Sheet (OAS) provided.

Marks Obtained

Section B		/5
Section C		/25
Section D		/50
Total		/80

Name: _____ (   ) Class: P 5 _____

Date : 26 February 2008   Parent's Signature: _____

Booklet B

Section B (5 marks)

Questions 16 to 20 carry 1 mark each.

Mental Sums

Listen carefully and write the answers in the brackets provided.

16. _____

17. _____thousands

18. _____

19. _____

20. _____quarters

6

Questions 21 to 25 carry 1 mark each.
Write your answers in the spaces provided.
For questions which require units, give your answer in the units provided.

21. What is the place value for the digit 7 in 4 279?

Ans : _____

22. Mr.Tay paid $87 450 for a car.

Round off the amount he had paid to the nearest $10 000?

Ans: $ _____

23. 20 chairs are arranged such that they form a square.

The number of chairs on each side of the square is the same.

Find the number of chairs on each side.

Ans:_____

24. Round off 67.478 to the nearest **hundredth**.

Ans : _____

25. $5 \times \dfrac{1}{13} = \dfrac{1}{13} + \dfrac{1}{13} + \dfrac{1}{13} \times \boxed{}$

What is the missing number in the box?

Ans : _____

Questions 26 to 35 carry 2 marks each. (10 x 2m = 20m)

Show your workings clearly in the space below each question and write your answers in the spaces provided.

For questions which require units, give your answers in the units stated.

26. Express 580 072 in words.

_____

_____

-27 What is the difference in value for the digit '7' in 4 279 and 783?

Ans:_____

28. Using all the digits 6, 3, 5 and 1, form the biggest 4 digit number that can be divided by 5 exactly.

Ans : _____

29. What is the value of 5 x 4 – (8 + 6) ÷ 2 ?

Ans : _____

8

30. 42 workers are having pizza for dinner.

Each pizza is cut into 8 pieces.

If each worker is given at least 3 slices of pizzas, what is the least number of pizzas they must order?

Ans : _____ pizzas

31. What is the remainder when 7 070 is divided by 40?

Ans : _____

32. When a number is divided by 15, the quotient is 2 and the remainder is 13. What is the number?

Ans : _____
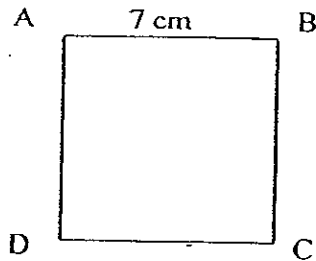
33. Fill in the missing number.

a) What number is 10 000 more than 409 343?

b) 2 094 056 = 2 000 000 + _____ + 3 000 + 50 + 6

Ans :a) _____

Ans: b) _____

9

34. ABCD is a square (not drawn to scale).

A ── 7 cm ── B

D ──────── C

(a) Find its perimeter.
(b) Find its area.

a) Ans : _____ cm

b) Ans : _____ cm²

35 There were 100 tickets.

Ali sold $\frac{3}{5}$ of the tickets.

Mary sold only $\frac{1}{4}$ of the remainder.

How many tickets were not sold?

Ans : _____ tickets

Section D (50 marks)

For questions 36 to 48, show your workings clearly in the space provided for each question and write your answers in the spaces provided.

The number of marks available is shown in brackets [ ] at the end of each question or part-question.

36. The enrolment in a tuition centre increases at the following rate shown in the graph below.

Number of students enrolled in Tuition Centre
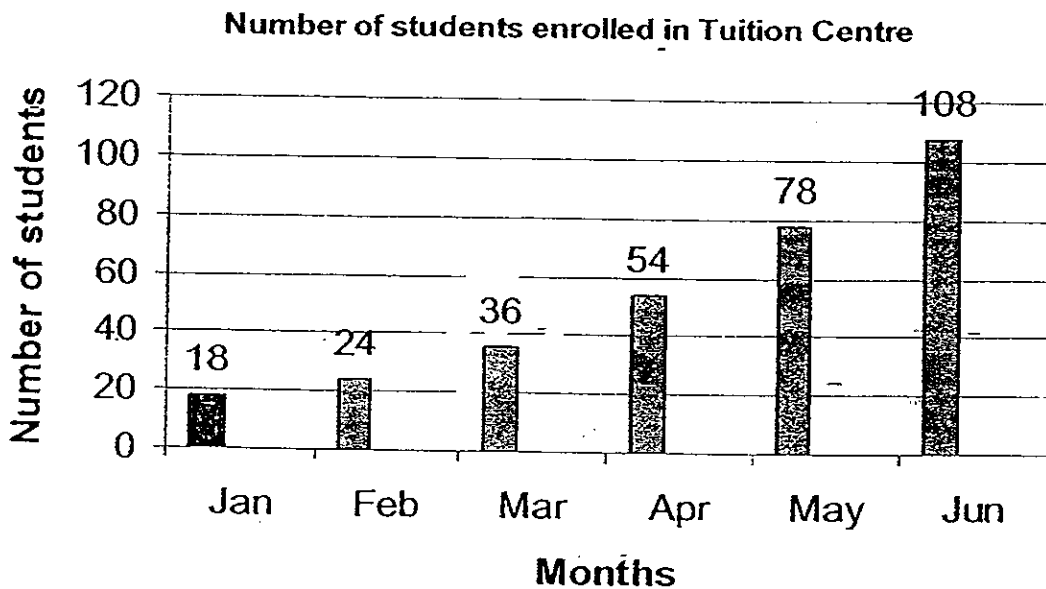
(a) What is the total number of students who have enrolled from Jan to Mar?

Ans : _____ [1m]

(b) Study the pattern in the data carefully.
How many students can the school expect to have in July?

Ans : _____ [2m]

37. Study the pattern carefully. What is the <u>sum</u> for **Pattern 8**?

Pattern No.	Pattern	Sum
1	1	1
2	2 + 2	4
3	3 + 3 + 3	9
4	4 + 4 +4 + 4	16
...	.....	....
8		?

Ans : _____ [3m]

38. Tim and Jack had the same amount of money at first.

After Tim had spent $60 and Jack had spent $84, the amount of money Tim had left was thrice as much as Jack's.

How much money did Tim have at first?

Ans : _____ [3m]

12

39. Manfred, John and Sam shared 120 marbles among them.
Manfred gets 16 marbles more than John.
Sam gets 28 marbles more than Manfred.
How many marbles does each of them get?

Ans : Manfred: _____[1m]

John: _____[1m]

Sam: _____[1m]

40. The total cost of 9 bags and 12 magazines is $108.
The total cost of 4 magazines and 4 bags is $44.
Find the cost of one magazine.

Ans: _____[3m]

13

41. There are adults and children at a concert.

$\frac{1}{3}$ of the audience are men, $\frac{1}{2}$ of the audience are women and the rest are children. If there are 6 children in the audience, how many people are there altogether?

Ans : _____[3m]

42. Julia had 42 sweets.

She kept $\frac{1}{6}$ of them for herself and gave the rest to Limei and Aminah.

Aminah received four times as many sweets as Limei received.

(a) How many sweets did Julia keep for herself?

(b) How many sweets did Aminah receive?

Ans: (a) _____[2m]

(b)_____(2m]

14

43. A bicycle has 2 wheels and a tricycle has 3 wheels.

There are a total of 32 wheels for 12 bicycles and tricycles.

How many bicycles and how many tricycles are there?

Ans : _____ bicycles[2m]

Ans: _____ tricycles [2m]

44. Aunt Susan was 6 times as old as her niece 8 years ago.

Their total age now is 79 years.

How old is Aunt Susan now?

Ans : _____ [4m]

45.   The total number of oranges in Cartons X and Y is 257.

The total number of oranges in Cartons Y and Z is 110.

The number of oranges in Carton X is $\frac{1}{4}$ as many as that in Carton Z.

(a)   How many oranges are there in Carton X?

(a)   How many oranges are there in Carton Y?

Ans: (a) _____ [3m]

Ans: (b)_____ [2m]

16

46. Mrs Lim had a total of 586 tarts and cookies.

There were 66 more tarts than cookies.

After selling 226 tarts and buying **some more** cookies, then she had 4 times as many cookies as tarts.

How many cookies did Mrs. Lim buy?

Ans :_____[5m]

47. A farmer had 400 cows and 800 chickens. $\frac{1}{5}$ of all the animals died.

The farmer sold 160 cows and 300 chickens.

If he had 240 fewer cows than chickens,

(a) What fraction of all the animals were sold?

(Give your answer in its simplest form)

(b) How many cows died?

Ans: (a)_____[1m]

Ans:(b)_____[4m]

48. John spent $\frac{2}{3}$ of his money on books and $\frac{3}{5}$ of the remainder on 2 files.

Each file cost 6 times as much as a book.

How many books did he buy?

Ans: _____[5m]

ANSWER SHEET

SCHOOL   : NAN HUA PRIMARY SCHOOL
SUBJECT : PRIMARY 5 MATHEMATICS

TERM   : CA 1

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

16)212012   17)1000   18)200   19)23/8   20)12

21)tens   22)$90000   23)6   24)67.48   25)3

26)five hundred and eighty-thousand seventy-two

27)630   28)6315   29)13   30)16 pizzas   31)30

32)43   33)a)419343   34)a)28cm   35)30 tickets
              b)91000   b)49cm$_2$

36)a)78   37)64
   b)144

38)2 units→84-60=24
   1 unit →24÷2=12
   8 units→12x8=96
Tim had $96 at first.

39)Manfred=36
   John   =20
   Sam   =64

40) 9B+12 M=108
   3B+4 M=36 (÷3)
   4 M+ 4 B=44
   1B=44-36=8
   4B=8x4=32
   4 M+32=44
   4 M=12
   1 M=12÷4=3
   1 magazine cost $3

41) 1 unit→6
   6 units→6x6=36
   There are 36 people altogether.

42) 6 units→42
   1 unit→42÷6=7
   a) Julia kept 7 sweets for herself.
   4 units→7x4=28
   b) Aminah received 28 sweets.

43)

bicycle	wheels	tricycle	wheels	total of wheel
6	12	6	18	30
4	8	8	24	32

There are 4 bicycles.
There are 8 tricycles.

44) 7 units→79-8-8=63
   1 unit →63÷7=9
   Aunt Susan→(9x6)+8=62
   Aunt Susan is 62 year old now.

45) 3 units→257-110=147
   1unit →147÷3=49
   X→49
   Y→110-49=61
   a)49
   b)61

226 sold

46)Tarts

66more

Cookies

?
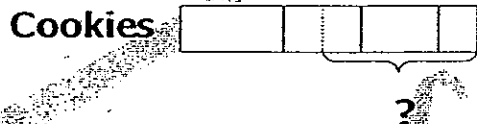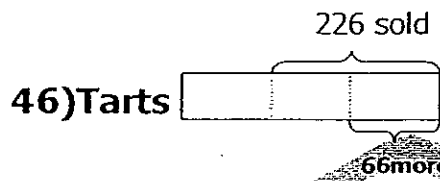
2 unit→586-66=520
1 unit→520÷2=260
260+66=326
1 unit→326-226=100
Cookies→4 units→100x4=400
400-260=140
Mrs Lim bought 140 cookies.

47)sold→160+300=460
   a)460 =23
   1200 60

   b)400-160=240 (cows)
   800-300=500 (chickens)
   1 x1200=240 (died)
   5
   240+500-240=500
Cows | 130 |

Chickens | 130 | 240 |

500-240=260
260÷2=130
240-130=110

48) 1 files→6 books
    2 files→12 books
    3 units→12 books
    1 unit→12÷3=4 books
   Books→10 units
    →10x4=40