CA1

NANYANG PRIMARY SCHOOL
FIRST CONTINUAL ASSESSMENT 2005
MATHEMATICS
PRIMARY FOUR

Name: _____( ) Marks: /100

Class: Primary 4 ( ) Date: 3rd March 2005.

Parent's Signature: _____ Duration: 1 h 45 min

Section A 15

Questions 1 to 26 carry two marks each. For each question, four choices 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: 30 marks)

1 The digit 4 in 54 320 stands for _____.

(1) 4 000
(2) 400
(3) 40
(4) 4

( )

2 The sum of 23 001 and 9 056 when rounded off to the nearest ten is _____.

(1) 32 000
(2) 32 057
(3) 32 060
(4) 32 100

( )

3 Which one of the following is **not** a factor of 14 × 20?

(1) 8
(2) 10
(3) 18
(4) 35

( )

4 Find the sum of the first 4 multiples of 6.

(1) 18
(2) 24
(3) 30
(4) 60
( )

5 Mr Raju bought 12 bags of balls. There were 2 balls in each bag. If each ball cost $9, how much did he pay for all the balls?

(1) $18
(2) $24
(3) $108
(4) $216
( )

6 Find the remainder when 8 978 is divided by 5.

(1) 6
(2) 5
(3) 3
(4) 4
( )

7 98 x 10 = _____ + 800

(1) 180
(2) 890
(3) 980
(4) 1 780
( )

8 Divide 78 hundreds by 10 tens.

(1) 78
(2) 780
(3) 7 800
(4) 78 000
( )

9 The product of 413 and 67 is _____.

(1) 2 891
(2) 24 780
(3) 27 571
(4) 27 671

( )

10 Miss Low had 148 pencils. Each pupil was given 4 pencils and she had 4 pencils left. How many pupils were there in the class?

(1) 36
(2) 37
(3) 39
(4) 40

( )

11 Bala has $\frac{1}{10}$ m of string. He needs another $\frac{1}{5}$ m of string to tie a parcel. What length of string is needed to tie the parcel?

(1) $\frac{2}{15}$ m
(2) $\frac{2}{10}$ m
(3) $\frac{3}{15}$ m
(4) $\frac{3}{10}$ m

( )

12 Siti spent $\frac{1}{9}$ of her salary on food, $\frac{1}{3}$ of her salary on transport and saved the rest. What fraction of her salary did she spend?

(1) $\frac{3}{15}$
(2) $\frac{4}{9}$
(3) $\frac{5}{9}$
(4) $\frac{12}{15}$

( )

13 Sarah had $1\frac{1}{4}$ kg of flour. After using some flour to bake a cake, she had $\frac{1}{2}$ kg of flour left. How much flour did she use?

(1) $\frac{8}{12}$ kg
(2) $\frac{3}{4}$ kg
(3) $1\frac{3}{12}$ kg
(4) $1\frac{3}{4}$ kg ( )

14 What is the missing fraction in the box?

$5\frac{5}{8} = 3\frac{1}{2} + \square$

(1) $2\frac{1}{8}$
(2) $2\frac{1}{4}$
(3) $2\frac{3}{8}$
(4) $9\frac{1}{8}$ ( )

15 Find the sum of $2\frac{6}{7}$ and $1\frac{1}{3}$. Express your answer as an improper fraction.

(1) $\frac{37}{10}$
(2) $\frac{84}{21}$
(3) $3\frac{25}{21}$
(4) $\frac{88}{21}$ ( )

Section B 16

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

(Total: 50 marks)

16 Write 17 thousands 4 hundreds and 8 ones as a numeral.

Answer: _____

17 Round off 8 888 to the nearest 100.

Answer: _____

18 Find the sum of the 2 greatest factors of 36.

Answer: _____

19 Find the product of all the common factors of 14 and 42.

Answer: _____

20 List the first 4 common multiples of 2 and 11.

Answer:

21 **W is a 2–digit number and it is a factor of 84. If the sum of the 2 digits is 10, what is W?**

Answer: _____

22 What is the missing number?

722 x 6 = ☐ - 45

Answer: _____

23 The product of 2 numbers is 8 460. If one of the numbers is 6, what is the other number?

Answer: _____

24 A bottle contained 1 *l* 750 *ml* of wine. How much wine would there be in 10 such bottles?

Answer: _____ *l* _____ *ml*

25 A handbag costs 9 times as much as a calculator. If a calculator costs $45, how much will 10 such handbags cost?

Answer: $ _____

26 2800 ÷ 10 = _____ tens

Answer: _____ tens

27 The mass of 10 similar storybooks is 2 560 g and the mass of 2 similar magazines is 900 g. Find the mass of 1 such storybook and 1 such magazine.

Answer: _____ g

28 Multiply 36 by 40. The answer is _____ less than 1928.

Answer:

29 Mr Teo had 14 bags of sugar. The mass of each bag of sugar was 350 g. He repacked the sugar into smaller packets. The mass of each packet was 100 g. How much money would Mr Teo receive if he sold each packet of sugar at $2 each?

Answer: $ _____

30 3 files and 2 pens cost $18. If each pen cost $3, how much would 5 files and 5 pens cost?

Answer: $ _____

31 There are 85 rows of chairs in a concert hall. There are 50 chairs in each row. If there are 145 empty chairs, how many people are at the concert?

Answer: _____

32 Express your answer in the simplest form.

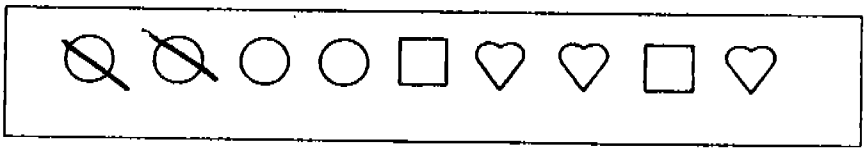
$\frac{3}{7} + \frac{1}{4} + \frac{1}{14} =$ ☐

Answer: _____

33 What fraction should you add to the difference between $\frac{1}{2}$ and $\frac{3}{10}$ to get 1 whole? Express your answer in the simplest form.

Answer: _____

34 Look at the shapes given in the box below. After removing 2 of the ◯ shapes from the box, what fraction of the remaining shapes is ♡ shape?



Answer: _____

35 Amy is $1\frac{3}{4}$ m tall. Her brother is $\frac{1}{5}$ m shorter than she. What is the height of Amy's brother?

Answer: _____ _____ m

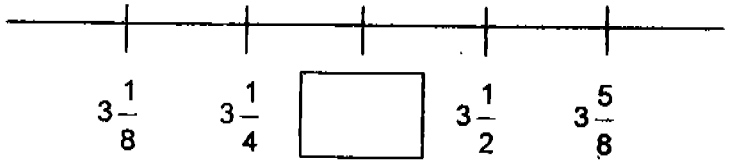
36 How many sevenths are there in $3\frac{4}{7}$?

Answer: _____ sevenths

37 Express $8\frac{4}{5}$ as an improper fraction.

Answer: _____

38 What is the missing fraction on the number line shown below? Express your answer as an improper fraction



Answer: _____

39 Arrange the fractions in ascending order.

$\frac{4}{3}$, $\frac{7}{5}$, $1\frac{2}{7}$

Answer: _____

40 Wei Ling has 2 identical containers, Container A and Container B. $\frac{7}{9}$ of Container A and $\frac{1}{3}$ of Container B are filled with milk. What fraction of milk must be poured from Container A to Container B so that both containers have the same amount of milk?

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 The sum of 2 numbers is 200. If the difference between the 2 numbers is 60, what are the 2 numbers?

42 Muthu travels $\frac{3}{10}$ km to school everyday. His friend travels $\frac{3}{15}$ km more than he. How far do they travel to school everyday? Express your answer in the simplest form.

43 A printer costs $300 more than a scanner and the scanner costs $150 more than a speaker. The total cost of the 3 items is $3 300. What is the cost of the printer?

44 Melvin had twice as much money as Ken. If Melvin spent $60 and Ken spent $20, they would have the same amount of money. How much money did they have at the beginning?

45 Mrs Lim used $\frac{5}{6}$ of the orange juice in a jug to fill 2 mugs and 6 glasses. If the capacity of each mug was twice that of a glass, how many glasses could she fill with the remaining juice in the jug?

End of Paper
Please Check Carefully

CA1

Nanyang Primary School

Primary 4 Maths CA1 Exam (2005)

[redacted]

Answer Sheets

Q1	Q2	Q3	Q4	Q5
1	**3**	**3**	**4**	**4**
Q6	Q7	Q8	Q9	Q10
3	**1**	**1**	**4**	**1**
Q11	Q12	Q13	Q14	Q15
4	**2**	**2**	**1**	**4**
Q16	Q17	Q18	Q19	Q20
17408	**8900**	**54**	**196**	**22, 44, 66, 88**

21. 28
22. 4377
23. 1410
24. 17ℓ 500mℓ
25. $4050
26. 28
27. 7069
28. 488
29. 98
30. $35
31. 405 people
32. $\frac{3}{4}$
33. $\frac{4}{5}$
34. $\frac{3}{7}$
35. $1\frac{11}{20}$
36. 25
37. $\frac{44}{5}$
38. $\frac{27}{8}$
39. $1\frac{2}{7}$, $\frac{4}{3}$, $\frac{7}{5}$
40. $\frac{2}{9}$
41. The first number is 70 and the second number is 130
42. $\frac{4}{5}$
43. $1350
44. $120
45. She could fill two glasses.