CA2

Rosyth School
Second Continual Assessment 2005
Mathematics
Primary 4

Total 100

Name: _____

Class: Pr 4-_ ____ Register No. _ ___ **Duration: 1h 45 min**

Date: 24 Aug 2005 Parent's Signature: _____

Instructions to Pupils:

1. Do not open this booklet until you are told to do so.
2. Follow all instructions carefully.
3. This paper consists of 3 parts, Sections A, B and C.
4. For questions 1 to 20 in Section A, shade the correct ovals on the Optical Answer Sheet (OAS).

	Maximum	Marks Obtained
Section A	40	
Section B	40	
Section C	20	
Total	100	

* This paper consists of ____13____ pages altogether.

25

Section A (40 marks)
For each question, 1 to 20, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the correct ovals (1, 2, 3 or 4) onto the Optical Answer Sheet provided. Each question carries 2 marks.

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1. 72 040 written in words is _____ .

(1) seven thousand, two hundred and four
(2) seven thousand, two hundred and forty
(3) seventy-two thousand and four
(4) seventy-two thousand and forty

2. In 92 837, which digit is in the ten thousands place ?

(1) 8 (2) 2
(3) 3 (4) 9

3. $\frac{2}{10} + \frac{1}{5}$ is equal to _____ .

(1) $\frac{1}{10}$ (2) $\frac{3}{10}$
(3) $\frac{4}{10}$ (4) $\frac{7}{10}$

4. What is the difference between $\frac{1}{4}$ and $\frac{8}{12}$?

(1) $\frac{5}{12}$ (2) $\frac{7}{12}$
(3) $\frac{9}{12}$ (4) $\frac{11}{12}$

5. $7.1 = 7 + \frac{\square}{1000}$. What is the number in the box ?

(1) 1 (2) 10
(3) 100 (4) 1 000

6. $4\frac{2}{50}$ expressed as a decimal is _____ .

(1) 4.02 (2) 4.04
(3) 4.2 (4) 4.4

7. Express 362 minutes in hour and minutes.

(1) 3 h 62 min (2) 6 h 2 min
(3) 7 h 12 min (4) 60 h 2 min

8. 29 454 is _____ less than 30 454 .

(1) 10 (2) 100
(3) 1 000 (4) 10 000

9. What is the quotient when 7827 is divided by 6 ?

(1) 3 (2) 13
(3) 134 (4) 1 304

10. Which one of the following numbers has the digit '8' in its hundreds place ?

(1) 1 897 (2) 7 189
(3) 8 971 (4) 9 718

27

11. Which one of the following has the **greatest** value ?

(1) $\frac{5}{6}$ of 12 (2) $\frac{3}{7}$ of 35

(3) $\frac{2}{5}$ of 15 (4) $\frac{1}{4}$ of 20

12. Aminah gave 5 out of 20 sweets to her sister. What fraction of the sweets did she give to her sister ?

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

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

13. Divide 433 by 6 and round off your answer to **1 decimal place**.

(1) 72.0 (2) 72.1

(3) 72.2 (4) 72.6

14. Which one of the following is the **smallest**?

(1) 6.150 (2) 6.105

(3) 6.015 (4) 6.501

15. Fiona needs to cut 8 pieces of string. If each string is 3.74 m long, how much string does she need ?

(1) 24.62 m (2) 24.92 m

(3) 29.62 m (4) 29.92 m

28

16. What is the difference between the third multiple of 4 and the fifth multiple of 6?

(1) 12
(2) 18
(3) 30
(4) 42

17. Mrs Tan gave her 4 children $32.08. If each child receives an equal share, how much will one child get?

(1) $0.82
(2) $8.02
(3) $8.20
(4) $82.00

18. Steven bought 64 boxes of fruits. Each box contained 143 fruits. If 2351 fruits were oranges and the rest were apples, how many apples were there?

(1) 2 208
(2) 4 591
(3) 6 801
(4) 9 512

19. $\frac{2}{3}$ of a box of nuts are hazel nuts and $\frac{1}{6}$ of them are cashew nuts. The rest are almond nuts. What fraction of the nuts are almond nuts ?

(1) $\frac{1}{6}$
(2) $\frac{3}{6}$
(3) $\frac{4}{6}$
(4) $\frac{5}{6}$

20. Mrs Han bought 6 kg of sugar. She gave 0.24 kg of it to her sister and used the rest of it to bake 8 identical cakes. How much sugar did she use for each cake ?

(1) 0.72 kg
(2) 0.78 kg
(3) 1.92 kg
(4) 5.67 kg

29

Section B (40 marks)
For each question, write your answers in the spaces provided. Give your answers in the units stated. Show your working in the space below each question. Questions 21 to 39 carry 2 marks each.

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21. Round off 2 984 to the nearest hundred.

22. Arrange the following numbers in descending order.
32 000, 32 100, 31 010 and 32 001

23. Express $3\frac{5}{7}$ as an improper fraction.

24. How many eighths are there in $4\frac{3}{8}$?

25. What is the value of the digit 5 in 2.15 ?

26. What is the sum of 60 thousands, 66 hundreds and 66 tens?

30

27. List all the factors of 63.

28. What is the product of 121 and 5?

29. There are 18 girls in a class. $\frac{1}{6}$ of the girls wear spectacles. How many girls **do not** wear spectacles ?

30. Find the value of $3\frac{8}{9} + 1\frac{2}{3}$

Give your answer as a mixed number in its simplest form.

31. Find the value of 36.13 + 40.39 – 25.28

32. A bottle contains 0.37 litres of syrup. How many litres of syrup are there in 7 identical bottles?

ℓ

33. Find the missing digit in the box.

$$\begin{array}{r} 72 \cdot \boxed{5} \\ +\ 16 \cdot 4 \\ \hline 89 \cdot 2 \\ \hline \end{array}$$

34. At the supermarket, Claire bought 2 apples at 50 cents each and a loaf of bread for $1.60. How much did she spend altogether?

35. A number is a factor of 12 and 48. It is greater than 4 but less than 12. What is the number ?

36. The cost of 3 tables and 21 chairs is $1 800. What is the cost of 4 tables and 28 chairs?

32

37. Alice has 84 stamps. $\frac{3}{4}$ of them are local stamps and the remainder are foreign stamps. How many more local stamps than foreign stamps does she have ?

38. An eraser cost $0.35 and a ruler cost $1.45. William bought 3 erasers and 4 rulers. How much did he pay ?

$

39. A string 3.21 m long is cut into 2 pieces. The second piece is twice the length of the first piece. What is the length of the second piece of string ?

m

40. A worker works for 10 hours per day and is paid $4.50 per hour. He works 6 days a week. Find his weekly pay.

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Section C (20 marks)
For questions 41 to 45, show your workings clearly in the space below each question. Write your answer in the space provided. Each question carries 4 marks.

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41. Jane and Peter have 728 marbles altogether. Jane has 3 times as much marbles as Peter. How many marbles does Jane have?

Answer: _____(4 marks)

34

42. Mrs Wilson made 360 cupcakes for a birthday party. The children ate $\frac{5}{8}$ of the cupcakes. The adults ate 62 cupcakes. How many cupcakes were left?

Answer: _____(4 marks)

43. Aminah bought 6 packets of apples and 4 packets of pears for $38.20. The cost of a packet of apples is 80 cents less than the cost of a packet of pears. Find the cost of 1 packet of apples.

Answer: _____ (4 marks)

11

36

44. 10 poles are placed at equal distance from each other in a straight line. If the distance between the third pole and the seventh pole is 53.48 m, find the distance between the second pole and the last pole.

Answer: _____(4 marks)

37

45. A container filled with stones has a mass of 25 kg 246g. When the same container is filled with sand, the mass is 8 kg 650 g lighter than the container filled with stones. If the mass of the stones is thrice as heavy as the mass of sand, find the mass of the container in kg and g.

Answer: ___ _____(4 marks)

END OF PAPER
Please remember to check your work!

58

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ROSYTH SCHOOL
SECOND CONTINUAL ASSESSMENT 2005
MATHEMATICS
PRIMARY 4

1) 4
2) 4
3) 3
4) 1
5) 3
6) 2
7) 2
8) 3
9) 4
10) 1
11) 2
12) 1
13) 3
14) 3
15) 4
16) 2
17) 2
18) 3
19) 1
20) 1
21) 3000
22) 32100, 32001, 32000, 31010
23) 26/7
24) 35 eights
25) 0.05
26) 67260
27) 1, 3, 7, 9, 21, 63
28) 605
29) 15
30) 5 5/9
31) 51.24
32) 2.59
33) 8
34) 2.60
35) 6
36) 2400
37) 42
38) 6.85
39) 2.14
40) 270
41) 546 marbles
42) 73 cupcakes
43) $ 3.50
44) 106.96 m
45) 12 kg 271 g