ROSYTH

READY TO SERVE
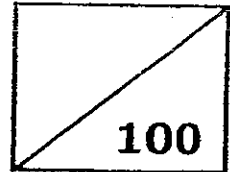
Rosyth School
Semestral Assessment 1 2008
Mathematics
Primary 3

100

Name: _____

Class: Pr 3 -_____   Register No. _____   Duration: 1 h 45 min

Date: 9th May 2008   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. Write the the correct answe
4. For questions 1 to 20 in Section A, shade the correct ovals on the Optical Answer Sheet (OAS).
   in the brakets provided.

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

* This paper consists of ___15___ pages altogether.

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Section A (40 marks)

Question 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). Write your choice clearly in the brackets provided.

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1.   In 9305, the digit _____ is in the thousands place.

    (1)   0
    (2)   5
    (3)   3
    (4)   9

2.   Which one of the following has the digit '5' in the hundreds and ones place?

    (1)   3 545
    (2)   3 554
    (3)   5 345
    (4)   5 354

3.   Which one of the following is arranged from smallest to biggest?

    (1)   3 696, 3 966, 3 699
    (2)   6 883, 6 388, 6 838
    (3)   7 177, 7 717, 7 771
    (4)   9 029, 9 920, 9 290

4.   Which one of the following gives an even number answer?

    (1)   92 + 48
    (2)   73 + 136
    (3)   90 - 23
    (4)   134 - 17

5.   2 groups of 9 is the same as ☐ groups of 3. What is the missing number in the box?

    (1)   6
    (2)   11
    (3)   3
    (4)   18

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6. $\boxed{}$ × 7 = 7 + 7 + 7 + 7 + 7. What is the missing number in the box?

   (1)   5
   (2)   6
   (3)   7
   (4)   35

7. How many fives are there in 865?

   (1)   1
   (2)   173
   (3)   86
   (4)   4325

8. $\dfrac{1}{3} = \dfrac{\boxed{}}{9}$ What is the missing number in the box?

   (1)   1
   (2)   6
   (3)   3
   (4)   8

9. What fraction of the figure shown below is shaded?

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

   (2) $\dfrac{1}{3}$

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

   (4) $\dfrac{3}{1}$

10. There are 42 chairs in the classroom. They are arranged in 7 rows. How many chairs are there in each row?

(1) 6
(2) 7
(3) 8
(4) 9

11. Mrs Yeo baked 15 cupcakes. She baked 3 times as many cupcakes as her daughter. How many cupcakes did her daughter bake?

(1) 5
(2) 12
(3) 3
(4) 18

12. ☺ stands for 7 stickers

Ashton had ☺ ☺ ☺ ☺ stickers.

Samuel had ☺ ☺ stickers.

How many more stickers did Ashton have than Samuel?

(1) 7
(2) 14
(3) 28
(4) 42

13. 1 kg of apples cost $4. Mrs Ng bought 4 kg of apples. How much did she pay for 4 kg of apples?

(1) $20
(2) $16
(3) $8
(4) $4

3

14. The advertisement shows the prices of four brands of laptops. What is the difference in price between the cheapest and the most expensive laptop?

Selling Fast!	
Dell	$1 818
Acer	$1 888
Compaq	$1 798
Sony	$1 728

(1) $20
(2) $70
(3)- $90
(4) $160

15. A rope is 690 cm long. A string is 228 cm shorter than the rope. What is the length of the string?

(1) 462 cm
(2) 472 cm
(3) 818 cm
(4) 918 cm

16. During a birthday party, the birthday cake was cut into 10 equal slices. John ate 2 slices, his mother ate 3 slices and his father ate the rest. What fraction of the cake did John's father eat?

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

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

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

(4) $\dfrac{7}{10}$

17. Which one of the following sets of fractions is arranged from the smallest to the greatest?

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

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

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

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

18. John ate 3 parts of a pizza. 9 parts were left. What fraction of the pizza was left?

(1) $\frac{3}{9}$

(2) $\frac{3}{12}$

(3) $\frac{6}{9}$

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

19. $1 + 2 + 3 + \ldots \ldots =. + 8 + 9 + 10$

What is the digit in the ones place in the sum of the above numbers?

(1) 1
(2) 2
(3) 5
(4) 9

20. Mr Lim had 124 books. He bought another 60 books. He gave all the books equally to his 4 children. How many books did each child get?

(1) 16
(2) 41
(3) 46
(4) 256

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For each question, <u>show your working clearly</u> in the space below each question and write your answers in the spaces provided. Give your answers in the units stated. Questions 21 to 40 carry 2 marks each.

21. Six thousand one hundred and five written as a numeral is _____ .

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

7 090, _____, 7 130, 7150 , 7170

23.
| 7 | 3 | 9 | 8 |

Use the above digits to form the greatest 4-digit odd number.

24. Find the sum of 983 and 4 378.

25. The difference between two numbers is 2 043.
The smaller number is 1 294.
What is the other number?

26. $\frac{8}{12} = \frac{2}{\boxed{}}$ What is the missing number in the box?

27. When a number is divided by 5, it gives a quotient of 82 and a remainder of 4.

What is the number?

28. What is the quotient when 744 is divided by 4?

29. Find the sum of $\frac{2}{9}$ and $\frac{2}{3}$.
Express your answer in its simplest form.

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30. Find the difference between $\dfrac{8}{9}$ and $\dfrac{1}{3}$.

31. Arrange the following fractions in order. Begin with the smallest.

$$\dfrac{5}{6}\ ,\ \dfrac{1}{6}\ ,\ \dfrac{5}{12}$$

	,	,

32. The product of 8 and ☐ is 992. What is the missing number in the box?

33. Monica took 4 pictures. David took 4 times as many pictures as Monica. How many pictures did they take altogether?

34. Mrs Takashi used 1 sheet of seaweed to make 8 sushi.

   She made 56 sushi in the same way. How many sheets of seaweed did she use?

35. Amy cut a pizza into 12 equal pieces. She ate 2 of the pieces and gave 3 pieces to her friends. What fraction of the pizza had she left?

36. Patrick had 428 marbles with him. He packed them equally into 5 boxes. How many marbles were left over?

37. Nancy needs 7 eggs everyday to make breakfast for her family. How many eggs would she need for 31 days?

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38. A fruit seller has 6 boxes of apples. Each box has 8 apples. He repacks all the apples into 4 new packets. How many apples are there in each packet?

39. 1 238 boys and 1 688 girls are studying in Rosyth School.

How many more girls than boys are there?

40. Samantha was given some money by her father. She saved $\frac{1}{4}$ of it, spent $\frac{1}{3}$ on food and $\frac{1}{6}$ on clothes. What fraction of the money had she left?
Express your answer in simplest form.

For questions 41 to 45, show your working clearly in the space below each question and write your answers in the spaces provided. The mark for each question is given in brackets.

41.   In a rugby match, there were 3 399 spectators on Monday, 2 340 spectators on

Tuesday and 4 171 spectators on Wednesday.

(a) How many spectators were there altogether on the 3 days?   (2 m)

(b) How many more spectators were there on Wednesday than on Monday? (2 m)
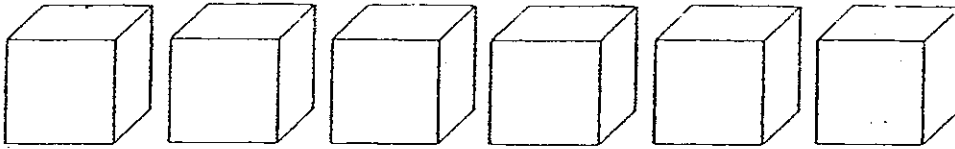
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42. Rachel works 5 hours a day. She works 6 days a week.

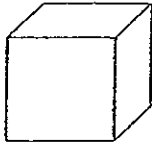How many hours does she work in 7 weeks? (4 m)

43. There are 400 pupils in Primary Three. 288 pupils like Mathematics and 182 pupils like Science. All pupils like at least Mathematics or Science. How many pupils like both Mathematics and Science?

(4 m)

44. Mabel has 200 pokemon cards. She puts them equally into 6 boxes and has some cards left.
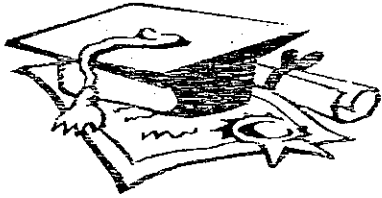
How many more cards does she need to buy if she wants to have another box containing the same number of cards? (4 m)

45. Wendy had 55 more stickers than Susan. After Wendy gave away 155 of her stickers to Yvonne, Susan had 3 times as many stickers as Wendy. How many stickers did Susan have?

(4 m)

---- END OF PAPER ----
Check your work carefully !

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ANSWER SHEET

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

Q18	Q19	Q20
4	3	3

21)6105   22)7110   23)9873   24)5361   25)3337

26)3   27)414   28)186   29)8/9   30)5/9

31)1/6, 5/12, 5/6   32)124   33)20   34)7

35)7/12   36)3   37)217   38)12   39)450

40) ¼

41)a)3399+2340+4171=9910
     There were 9910 spectators on three days.
    b)4171-3399=772
     There were 772 more spectators on Wednesday than Monday.

42)7x5=35   43)70   44)31

45)150