Rosyth School
First Semestral Assessment 2011
Mathematics
Primary 3

100

Name: _____

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

Date: 11th May 2011 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).
5. ANSWER ALL THE QUESTIONS.

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

* This paper consists of 16 pages altogether.

Section A (40 marks)
For questions 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. The value of the digit 5 in 6 518 is _____.

   (1) 5 ones
   (2) 5 tens
   (3) 5 hundreds
   (4) 5 thousands

2. Which of the following is greater than 4 128?

   (1) 4 098
   (2) 4 131
   (3) 4 109
   (4) 4 119

3. What is the missing number in the blank below?

   4 619, 4 669, _____, 4 769, 4 819

   (1) 4 670
   (2) 4 679
   (3) 4 719
   (4) 4 759

4. 7 x 4 = _____.

   (1) 11
   (2) 28
   (3) 35
   (4) 74

5. One box contains 54 paper clips. How many paper clips will each child get if there are 6 children?

(1) 7
(2) 8
(3) 9
(4) 15

6. Samantha shared 30 stamps equally with 3 of her classmates. How many stamps were left?

(1) 0
(2) 2
(3) 3
(4) 27

7. $\frac{3}{4}$ is equivalent to _____.

(1) $\frac{1}{2}$
(2) $\frac{8}{12}$
(3) $\frac{6}{8}$
(4) $\frac{5}{6}$

8. Express $\frac{2}{12}$ in its simplest form.

(1) $\frac{1}{12}$

(2) $\frac{1}{11}$

(3) $\frac{1}{6}$

(4) $\frac{2}{6}$

9. Which of the following fractions is greater than $\frac{1}{2}$?

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

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

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

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

10. I am a 3-digit even number.
The digit in my tens place is 7.
The digit in my ones place is bigger than the digit in the tens place.
The digit in my hundreds place is 4 lesser than the digit in my ones place.
What number am I?

(1) 478
(2) 578
(3) 784
(4) 874

11. The sum of two numbers is 645. If one of the numbers is 237, what is the other number?

(1) 408
(2) 412
(3) 418
(4) 882

12. What is the difference between the values of the digit 6 in 6 400 and 3 600?

(1) 540
(2) 2 800
(3) 3 000
(4) 5 400

13. Alan baked 713 cookies on Saturday. This was 289 fewer cookies than what he baked on Sunday. How many cookies did he bake on Sunday?

(1) 424
(2) 992
(3) 1 002
(4) 1 715

14. 47 x 6 = _____.

(1) 276
(2) 282
(3) 303
(4) 476

15. How many fours are there in 48?

(1) 8
(2) 12
(3) 3
(4) 24

16. $4 \times 9 = \square \times 6$

The missing number in the $\square$ is _____.

(1) 5

(2) 6

(3) 13

(4) 36

17. $369 \times 9 =$ _____.

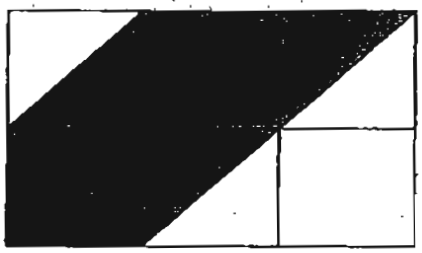
(1) 2 721

(2) 3 221

(3) 3 241

(4) 3 321

18.



The figure above is made up of 6 squares of the same size.

What fraction of the figure is shaded?

(1) $\frac{5}{12}$

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

(3) $\frac{7}{12}$

(4) $\frac{5}{6}$

19. $\square \times 8 = 4 + 4 + 4 + 4 + 8$

The missing number in the $\square$ is _____.

(1) 16

(2) 24

(3) 3

(4) 4

20. Aishah used a big piece of paper to make a Mothers' Day Cards for her mother and grandmother. She used $\frac{1}{2}$ of the paper to make a card for her mother. She used another $\frac{1}{6}$ of the paper to make a card for her grandmother. What fraction of the paper was not used?

(1) $\frac{1}{6}$

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

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

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

Section B (40 marks)
For questions 21 to 40, show your working clearly in the space below each question and write your answer in the answer boxes provided. Give your answers in the units stated. Each question carries 2 marks.

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21. Arrange the following numbers beginning with the smallest.

4 879, 4 778, 4 901, 4 788

[ ] , [ ] , [ ] , [ ]

Smallest

22. In 9 138, the digit _____ is in the thousands place.

[ ]

23. Complete the number pattern.

76, 63, ____, 37, 24

[ ]

24. 2 706 - _____ = 900

[ ]

25.  +  = 815

 +  +  = 1 030

What is the value of  ?

[ ]

26. What is the quotient when 358 is divided by 4?

27. 3 friends shared 84 stickers equally among themselves. How many stickers did each friend get?

stickers

28. Siva packed 904 T-shirts equally into 8 boxes. How many T-shirts were there in each box?

T-shirts

29. Shade $\frac{2}{3}$ of the diagram given below.

30. Complete the pattern below.

$\frac{1}{8}$, $\frac{2}{16}$, [A], $\frac{4}{32}$, [B]

A :

B :

31. Find the sum of $\frac{3}{4} + \frac{1}{8}$.

32. $1 - \frac{5}{9} - \frac{1}{9} =$ _____.

Give your answer in its simplest form.

33. A group of pupils formed 7 teams to play a game of captain's ball. There were 5 pupils in each team. How many pupils were there altogether?

pupils

34. Alan bought 9 boxes of cookies. There were 45 cookies altogether. Each box had the same number of cookies. How many cookies were there in each box?

cookies

35. Find the product of 571 and 7.

36. Agnes has 8 boxes of buttons. There are 25 buttons in each box. If she repacks the buttons into 5 boxes, how many buttons will there be in each box?

buttons

37. Arrange the following fractions beginning with the greatest.

$\frac{3}{10}, \frac{4}{5}, \frac{1}{2}$

Greatest

38. △ and □ represent 2 different digits.

Find the digits represented by △ and □.

$$\begin{array}{r} 4\ 7\ \triangle\ 3 \\ +\ 1\ \square\ 4\ 8 \\ \hline 5\ 8\ 1\ 1 \end{array}$$

△ : _____

□ : _____

39. Joe has a collection of 625 DVDs. He packs the DVDs equally into 7 plastic bags. What is the smallest number of additional DVDs he will need so that all the plastic bags will contain the same number of DVDs?

_____ DVDs

40. Ahmad, Bala and Chongwei shared a big pizza.

~~Abdul~~ ate $\frac{3}{10}$ of the pizza and Chongwei ate $\frac{2}{5}$ of the pizza.

~~Bert~~ ate all of the remaining pizza.

What fraction of the pizza did ~~Bert~~ eat?

_____

Section C (20 marks)

For questions 41 to 45, show your working clearly in the space below each question and write your answers in the blanks provided. The marks for each question or part question are given in the brackets.

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41. James worked 7 hours a day.

He worked 5 days in a week.

How many hours did he work in 9 weeks?

Answer : _____ hours (4 m)

42. Many families visited a new park when it was opened during the weekend. There were 34 more women than men and there were 736 more children than women. If there were 496 men at the park, how many more children than men were there at the park?

Answer: _____ (4 m)

43. Ahmad started on a recycling project. He collected used cans in 10 days. He started with 2 cans on the first day. He then collected 2 more cans each day than the previous day. How many cans did he collect altogether at the end of the 10 days?

Answer: _____(4 m)

44. I am thinking of a number.

When it is divided by 8, the quotient is 23 and the remainder is 7.

a) What is the number that I am thinking of?

b) What should the number be if I want the remainder to be 3?

Answer: a) _____(2m)

b) _____(2m)

45. Sonia collected 6 times as many seashells as Jackie.

Jackie collected 3 more seashells than Kim.

They collected 69 seashells altogether.

a) How many seashells did Kim collect?

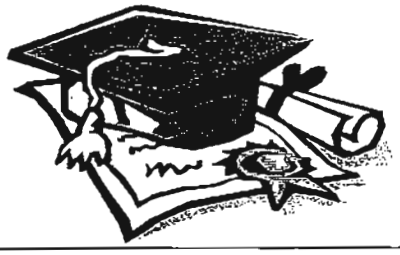
b) How many more seashells did Sonia collect than Kim?

Answer: a)_____ (2m)

b)_____ (2m)

~END OF PAPER~

Have you checked your work thoroughly?

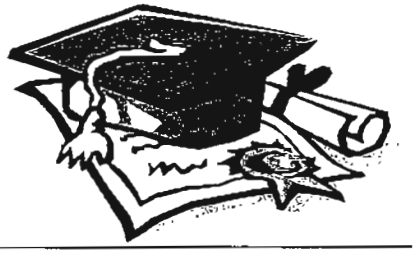


ANSWER SHEET

EXAM PAPER 2011

SCHOOL : ROSYTH
SUBJECT : PRIMARY 3 MATHEMATICS

TERM : SA1

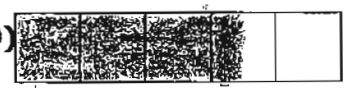


Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17
3	2	3	2	3	2	3	3	4	1	1	4	3	2	2	2	4

Q18	Q19	Q20
3	3	2

21)4778, 4788, 4879, 4901 **22)9** **23)50** **24)1806** **25)215**

26)895 **27)28 stickers** **28)113 T-shirts** **29)**



30)A: 3/24 B: 5/40 **31)7/8** **32)1/3**

33)35 pupils **34)5 cookies** **35)3997** **36)40 buttons**

37)4/5, ½ , 3/10 **38)△ = 6 □ = 0** **39)5 DVDs** **40)3/10**

41)5 x7 = 35
35 x 9 = 315 hours.

42)Men = 496
Women = 496 + 34 = 530
Children = 530 + 736 = 1266
1266 – 496 = 770

43)

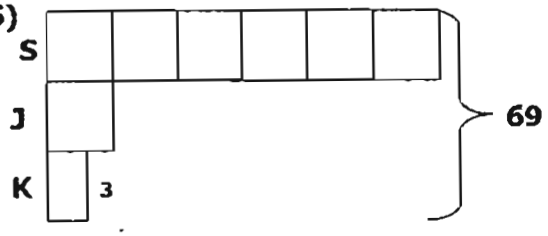
Day	No.of cans
1	2
2	2+2=4
3	4+2=6
4	6+2=8
5	8+2=10
6	10+2=12
7	12+2=14
8	14+2=16
9	16+2=18
10	18+2=20

Total= 110

44)a)23 x 8 = 184
184 + 7 = 191

b)184 + 3 =187

45)



a)8u = 69 + 3 = 72
1u = 72 ÷ 8 = 9
9 – 3 = 6

b)6u = 6 x 9 = 54
54 – 6 = 48