Rosyth School
First Semestral Assessment 2012
Mathematics
Primary 3

100

Name: _____

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

Date: 10th May 2012 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 19 pages altogether.

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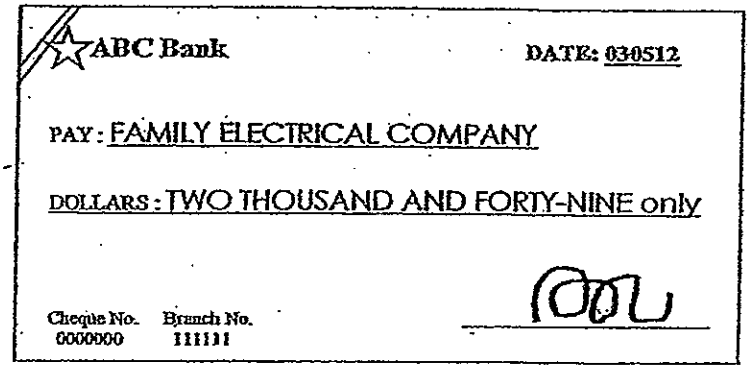
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Section A (40 marks)
For questions 1 to 20, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the correct ovals (1, 2, 3 or 4) onto the Optical Answer Sheet provided. Each question carries 2 marks.

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1. Mr Hassan wrote a cheque to pay for an air-conditioning unit that he bought at an electrical shop. The cheque is as shown below.



What was the cost of the air-conditioning unit in figures?

(1) $ 249
(2) $ 2 049
(3) $ 2 094
(4) $ 2 409

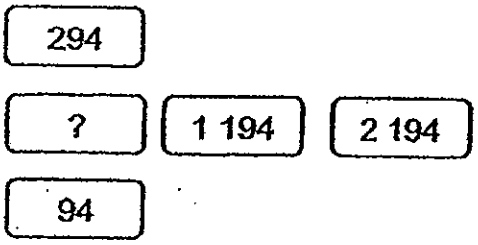
2. There are 2 500 satay sticks that have been tied in sets of 100 each. How many sets of satay sticks are there?

(1) 5
(2) 25
(3) 250
(4) 2 500

91

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3. The number cards below have been placed to form two different number patterns.



Which one of the following numbers should be placed to complete the number patterns?

(1) 194
(2) 294
(3) 994
(4) 1 094

4. 7 x 6 = _____

(1) 13
(2) 36
(3) 42
(4) 48

5. Carton A has 1 909 cherries. Carton B has 10 cherries fewer than Carton A. How many cherries are there altogether?

(1) 1 899
(2) 1 919
(3) 3 808
(4) 3 828

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6. The difference between two numbers is 286. The smaller number is 307. What is the sum of the two numbers?

(1) 21
(2) 328
(3) 593
(4) 900

7. Kelly bought 6 packets of stickers. Each packet contains 9 stickers. How many stickers does Kelly have altogether?

(1) 15
(2) 45
(3) 48
(4) 54

8. There are 35 pupils in a class. The teacher wants the pupils to form groups of 5. How many groups will there be in the class?

(1) 5
(2) 7
(3) 30
(4) 40

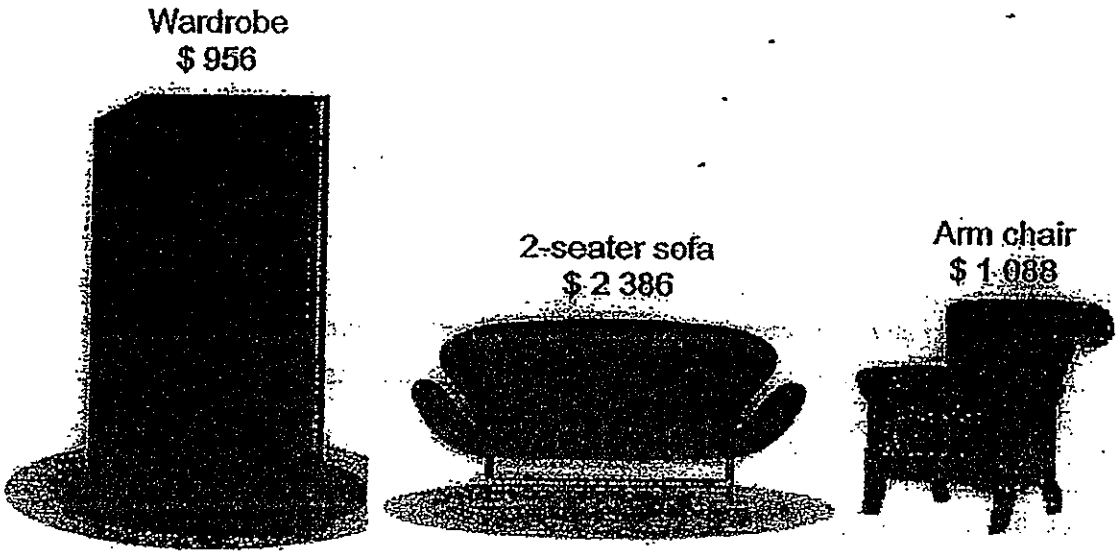
9. Alan baked 56 cookies and packed them equally into 8 packets. How many cookies were there in each packet?

(1) 6
(2) 7
(3) 48
(4) 64

93

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Refer to the advertisement shown below to answer Question 10 and 11.



10. Mrs Tan bought the wardrobe and the 2-seater sofa as shown in the above advertisement. How much did she pay in all?

(1) $1 430

(2) $2 044

(3) $3 342

(4) $4 430

11. Mrs Thomas bought the same wardrobe and the arm chair as shown in the above advertisement. How much less did Mrs Thomas pay than Mrs Tan?

(1) $2 044

(2) $1 298

(3) $3 474

(4) $5 386

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12. $3 + 3 + 3 + 3 + 8 =$ _____ $\times 4$.

(1) 5
(2) 20
(3) 3
(4) 4

13. Lucy placed all her stamps in 6 albums. She placed 96 stamps in each of the albums. She was given an additional of 18 stamps by her mother. How many stamps did she have altogether?

(1) 34
(2) 558
(3) 576
(4) 594

14. Mrs Lee had 78 sweets. She gave her pupils 4 sweets each. How many sweets had she left?

(1) 0
(2) 2
(3) 6
(4) 19

15. Peter had 54 pencils. John had 7 times as many pencils as Peter. How many more pencils did John have than Peter?

(1) 61
(2) 324
(3) 378
(4) 432

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16. $\frac{2}{3}$ is equivalent to _____.

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

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

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

(4) $\frac{4}{9}$

17. Express $\frac{4}{12}$ in its simplest form.

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

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

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

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

18. Which one of the following fractions is smaller than $\frac{1}{2}$?

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

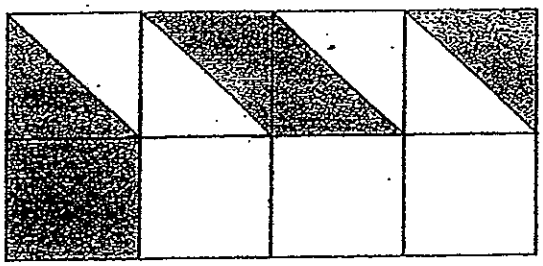
(2) $\frac{3}{5}$

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

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

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19.



The figure above is made up of 8 squares of the same size.
What fraction of the figure is shaded?

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

(2) $\frac{3}{8}$

(3) $\frac{5}{8}$

(4) $\frac{5}{16}$

20. Jenny bought a packet of flour. She used $\frac{2}{3}$ of the flour to make a cake and another $\frac{1}{6}$ of the flour to make muffins. What fraction of the flour was not used?

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

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

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

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

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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. Write the total value of 2 thousands, 5 hundreds and 7 ones in figures.

22. Amy, Bala, Cheryl and Daniel had different number of stamps in their stamp books. The table below shows the number of stamps they had.

Name	Number of stamps
Amy	1 268
Bala	1 862
Cheryl	1 286
Daniel	1 682

Arrange the number of stamps the four pupils had in order. Begin with the greatest number

Greatest

23. Form the smallest 4-digit even number using all the following digits.

8	5	0	7

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24. What are the missing numbers represented by A and B?

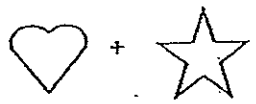
9	2	A	7
7	B		8
2	0	9	9

A:

B:

25. David had some marbles and he packed them into 8 boxes. He put 4 marbles into each box and had 3 marbles left. How many marbles did he have at first?

26. The shapes below represent different numbers.

 = 126

 = 240

What is the value of  −  ?

99

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27. What is the remainder when 758 is divided by 5?

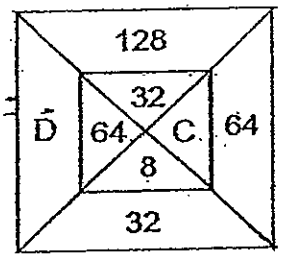
28. There were 6 packets of cookies. In each packet, there were 218 cookies. How many cookies were there altogether?

29. Don has 6 coins. Tom has 4 times as many coins as Don. How many coins do they have altogether?

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30. Sean is 27 years younger than his mother. His father is 6 years older than his mother. His mother is 49 years old. What is their total age?

31. Complete the number pattern by finding out what C and D are.



C:

D:

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

$\frac{1}{2}$, $\frac{7}{8}$, $\frac{1}{4}$

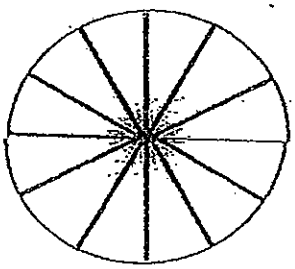
Smallest

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33. $1 - \frac{3}{8} - \frac{1}{8} =$ _____.

Give your answer in its simplest form.

34. The circle below is divided into equal parts. Shade $\frac{3}{4}$ of it.



35. $\frac{5}{6} = \frac{\boxed{?}}{12}$

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

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36. Ali and Bala bought a pizza. Ali ate $\frac{1}{4}$ of the pizza and Bala ate $\frac{3}{8}$ of the pizza. What fraction of the pizza did they eat altogether?

37. A box of pencils cost $2 and a box of markers cost $6. Sean spent $184 on the same number of boxes of pencils and markers, how many boxes of markers did he buy?

38. The school canteen had 7 rows of tables. There were 58 seats in each row of tables. How many seats would the canteen be short of when there were 500 pupils in the canteen?

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39. Below are the admission charges for the National Science Centre.

Venue	Adult	Child
National Science Centre	$9	$5

The community centre paid a total of $409 for 17 children and some adults for a visit to the National Science Centre. How many adults went for the visit?

40. John read $\frac{2}{9}$ of a book on Monday. He then read $\frac{1}{3}$ of the book on Tuesday. He completed reading the rest of the book on Wednesday.

What fraction of the book did he read on Wednesday?

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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. Siti earns $6 for every hour that she works.

She works for 7 hours every day.

She works for 5 days in a week.

How much will she earn in a week?

Answer : _____ (4 m)

105

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42. There were some blue, green and yellow sticks in a box.
There were 647 blue sticks more than green sticks.
There were 165 yellow sticks fewer than blue sticks.
How many sticks are there in the box altogether when there were 2 703 green sticks?

Answer : _____ (4 m)

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43. Mary started on her jigsaw puzzle.
On the first day, she placed 20 jigsaw pieces in the correct positions.
On the subsequent days, she always placed 8 pieces more than the previous day in the correct positions.
How many jigsaw pieces would she have placed correctly in 5 days?

Answer: _____ (4 m)

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44. Mrs Koh had some stickers for 8 children who were at a birthday party. When she gave 37 stickers to each of them, she would have 7 stickers left.

(a) How many stickers did she have at first?

(b) How many more stickers would she need when 2 more children joined the party?

Answer: (a) _____ (2m)

(b) _____ (2m)

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45. In a scrabble competition, William scored 6 times as many points as Eric. Eric scored 14 points more than Bobby.
How many points did Bobby score when they scored 602 points altogether?

Answer: _____ (4 m)

~END OF PAPER~

Have you checked your work thoroughly?

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ANSWER SHEET

EXAM PAPER 2012
SCHOOL : ROSYTH PRIMARY SCHOOL
SUBJECT : PRIMARY 3 - MATHEMATICS
TERM : SA 1

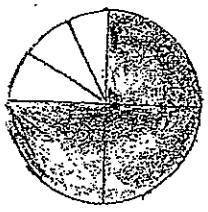
SECTION A

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

Q17	Q18	Q19	Q20
1	4	2	1

SECTION B

21. 2507
22. 1862, 1682, 286, 1268
23. 5078
24. A: 5 B: 1
25. 35
26. 34
27. 3
28. 1308
29. 30
30. 126
31. C: 16 D: 256
32. ¼, ½, 7/8
33. ½
34.



35. 10
36. 5/8
37. 23
38. 94
39. 36

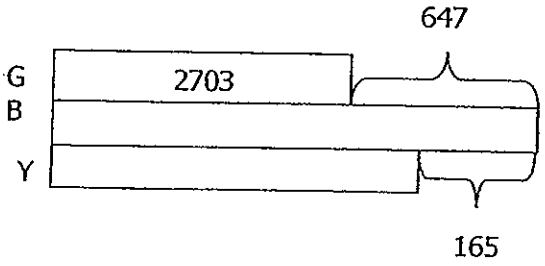
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40.4/9

SECTION C

41. 6 x 7 = 42
    42 x 5 = 210

    Siti earns $210 a week.

42. 

    2703 + 647 = 3350
    3350 – 165 = 3185
    2703 + 3350 + 3185 = 9238
    There are 9238 sticks in the box altogether.

43. 1st day: 20
    2nd day: 20 + 8 = 28
    3rd day: 28 + 8 = 36
    4th day: 36 + 8 = 44
    5th day: 44 + 8 = 52

    20 + 28 + 36 + 44 + 52 = 180

44. a) 37 x 8 = 296
    296 + 7 = 303
    ...She has 303 stickers at first.

    b) 37 x 10 = 370
    370 – 303 = 67
    She would need 67 more stickers.

45. 14 x 7 = 98
    602 – 98 = 504
    504 ÷ 8 = 63
    Bobby scored 63 points.

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