Rosyth School
First Semestral Assessment 2017
Mathematics
Primary 4

Name : _____ ( )

Class : Pr 4 - _____

Date : 8 May 2017

Total 100

Duration: 1h 45 min

Parent's Signature: _____

	Maximum Marks	Marks Obtained
Section A	30	
Section B	42	
Section C	28	
Total	100	

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Section A (30 marks)
For questions 1 to 15, four options are given. One of them is the correct answer.
Make your choice (1, 2, 3 or 4). Shade your answers on the Optical Answer Sheet.
Each question carries 2 marks.

1.   In the number 80 954, the digit _____ is in the thousands place.

   (1)   8
   (2)   0
   (3)   9
   (4)   5

2.   8 is a common factor of _____.

   (1)   2 and 4
   (2)   4 and 8
   (3)   8 and 16
   (4)   10 and 12

3.   18 thousands + 11 tens = _____

   (1)   18 011
   (2)   18 110
   (3)   80 011
   (4)   80 110

4.   The difference between 26 973 and 18 481 is _____.

   (1)   8412
   (2)   8492
   (3)   8512
   (4)   8592

2

5. What is the remainder when 8753 is divided by 8?

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

6. Which of the following is 23 000 when rounded to the nearest thousand?

   (1) 22 055
   (2) 22 499
   (3) 23 449
   (4) 23 505

7. _____ is a common factor of 9 and 24.

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

8. Which figure below shows the correct line of symmetry?
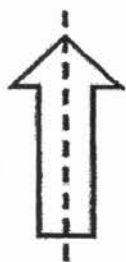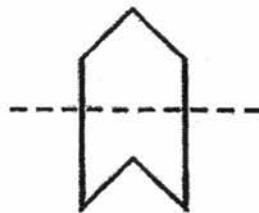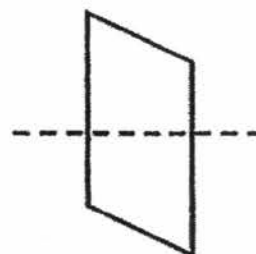

Figure A   Figure B   Figure C   Figure D

   (1) A
   (2) B
   (3) C
   (4) D

9. How many letters in the following word have at least 1 line of symmetry?

| A | N | G | L | E |

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

10. Which of the following fractions is equivalent to $\frac{1}{4}$?

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

(2) $\frac{4}{8}$

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

(4) $\frac{4}{20}$

11. How many eighths are there in $2\frac{3}{8}$?

(1) 11
(2) 16
(3) 3
(4) 19

4

12. $\frac{4}{9}$ of a ribbon is 72cm long. What is the length of the whole ribbon?

    (1)   18 cm

    (2)   32 cm

    (3)   90 cm

    (4)   162 cm

13. Madeline bought some cloth. She bought $\frac{3}{10}$ m of cloth on Monday. She bought $\frac{1}{5}$ m of cloth on Tuesday. What was the total length of cloth that she bought on Monday and Tuesday?

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

    (2) $\frac{1}{10}$ m

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

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

Use the information below to answer questions 14 and 15.

The table below shows the number of mangoes and pears sold from Monday to Thursday.

Day	Number of Mangoes	Number of Pears
Monday	40	38
Tuesday	36	41
Wednesday	42	39
Thursday	37	43

14. On which day was the least number of mangoes sold?

   (1) Monday
   (2) Tuesday
   (3) Wednesday
   (4) Thursday

15. How many more pears than mangoes were sold over the four days?

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

6

Questions **16** to **36** carry 2 marks each. Write your answers in the spaces provided. Show your workings clearly. For questions which require units, give your answers in the units stated.

Do not write in this space

16. Find the missing number.

44 243, 44 543, 44 843, _____ , 45 443

Ans: _____

17. The first common multiple of 3 and 8 is _____.

Ans: _____

18. Form the largest 5-digit odd number with all the given digits

| 3 | 5 | 6 | 9 | 0 |

Ans: _____

19. 1855 is _____ when rounded to the nearest ten.

Ans: _____

(Go on to the next page)

20. 544 ÷ 4 = _____?_____

Ans: _____

21. Find the product of 89 and 20.

Ans: _____

22. The sum of two numbers is 7501. If one number is 1293 more than the other, find the greater number.

Ans: _____

23. Ali wanted to pack 644 pears into bags of 6. How many pears were left unpacked?

Ans: _____

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

Ans: _____

(Go on to the next page)

25. Find the value of $\frac{3}{4} + \frac{1}{6}$ in its simplest form.

Ans: _____

26. Find the value of $\frac{4}{5} - \frac{1}{3}$ in its simplest form.
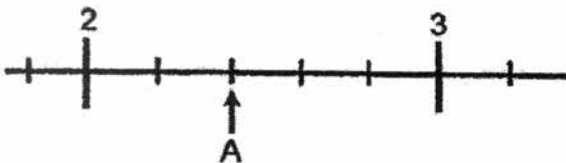
Ans: _____

27. Express $3\frac{5}{6}$ as an improper fraction.

Ans: _____

28. What is $\frac{3}{8}$ of 56?

Ans: _____

29. What mixed number does the letter A represent?

Ans: _____

(Go on to the next page)

30. Arrange $1\frac{1}{6}$, $\frac{10}{6}$ and $\frac{7}{3}$ in decreasing order.

Ans: _____ , _____ , _____

31. Shaun had some sweets. He gave $\frac{2}{9}$ of the sweets to his sister.
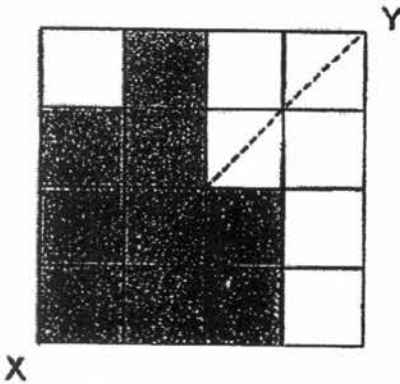If he gave his sister 24 sweets, how many sweets did he have at first?

Ans: _____

32. Madeline had 140 biscuits. She gave $\frac{3}{7}$ of the biscuits to her mother and the rest of the biscuits to her father. How many biscuits did she give to her father?

Ans: _____

33. Shade one square such that the figure below is symmetrical along XY.
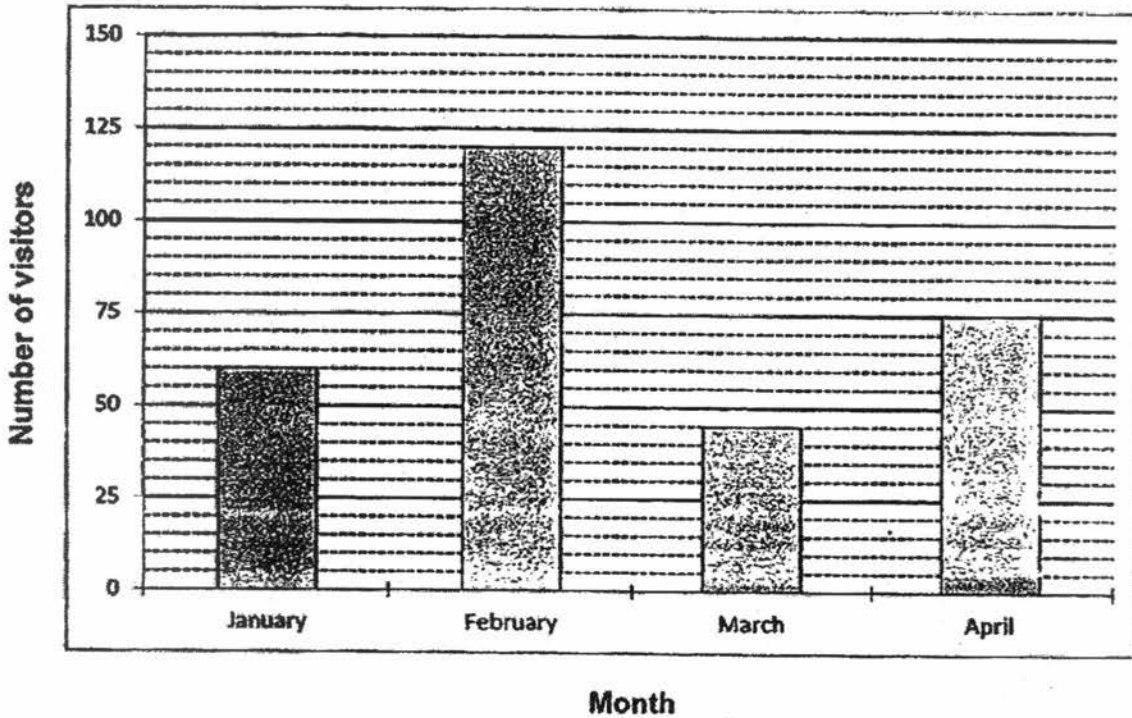
(Go on to the next page)

Study the bar graph below and answer questions 34 – 36.

Visitor Attendance to the Zoo

Month

34. How many more visitors were there in April than in March?

Ans: _____

35. The number of visitors in February is twice the number of visitors in which month?

Ans: _____

36. If each visitor had to pay $3 to visit the Zoo, how much money was collected from the visitors in February?

Ans: $ _____

(Go on to the next page)

Questions 37 to 40 carry 3 marks each. Questions 41 to 44 carry 4 marks each. Show your working clearly and write your answers in the spaces provided. The number of marks available is shown in brackets [   ] at the end of each question or part-question.

37.   There are 2846 green files at the bookshop.

There are twice as many yellow files as green files.

How many files are there altogether?

Ans: _____ [3]

(Go on to the next page)

38. Sharon bought a sofa and dining table for a total of $3839.
The dining table cost $1455 more than the sofa.
How much did the sofa cost?

Ans:_____ [3]

13

39. There was $\frac{3}{4}$ l of lime juice in a container. Amanda poured away $\frac{3}{8}$ l of the lime juice. Her mother then added $\frac{1}{2}$ l of lime juice back into the container.

How much lime juice was there in the container at the end?

Leave your answer in the simplest form.

Ans: _____ [3]

(Go on to the next page)

40. Study the figures below.

(a) Tick the figure that is symmetrical along the line AB. [1]
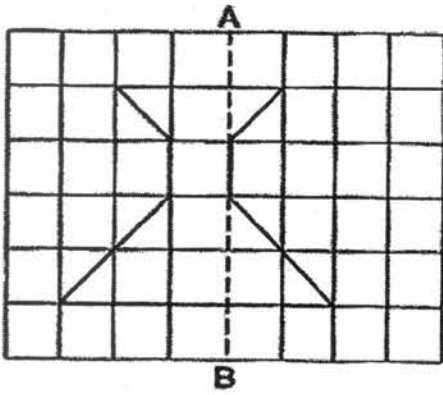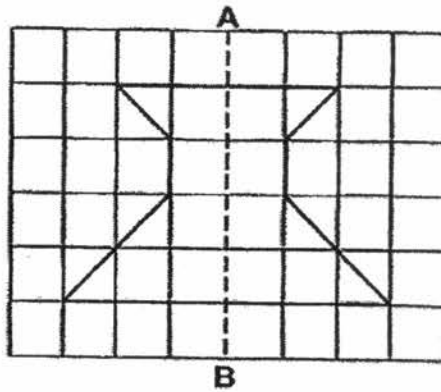
Figure W ☐

Figure X ☐

(b) Complete the figure below with YZ as the line of symmetry. [2]

15   (Go on to the next page)
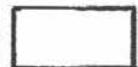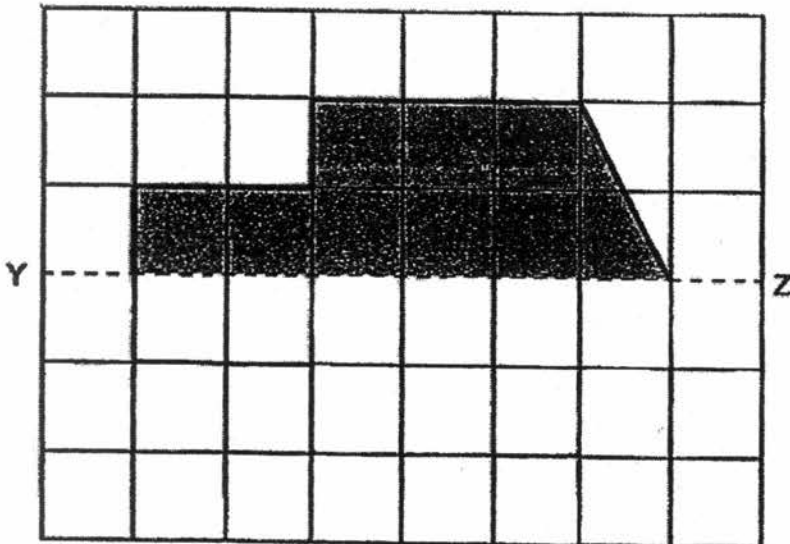
41. There are some coloured beads in a box.

    The number of blue beads is thrice the number of green beads.

    The number of green beads is 80 fewer than the number of red beads.

    There are 2340 beads altogether. How many red beads are there?

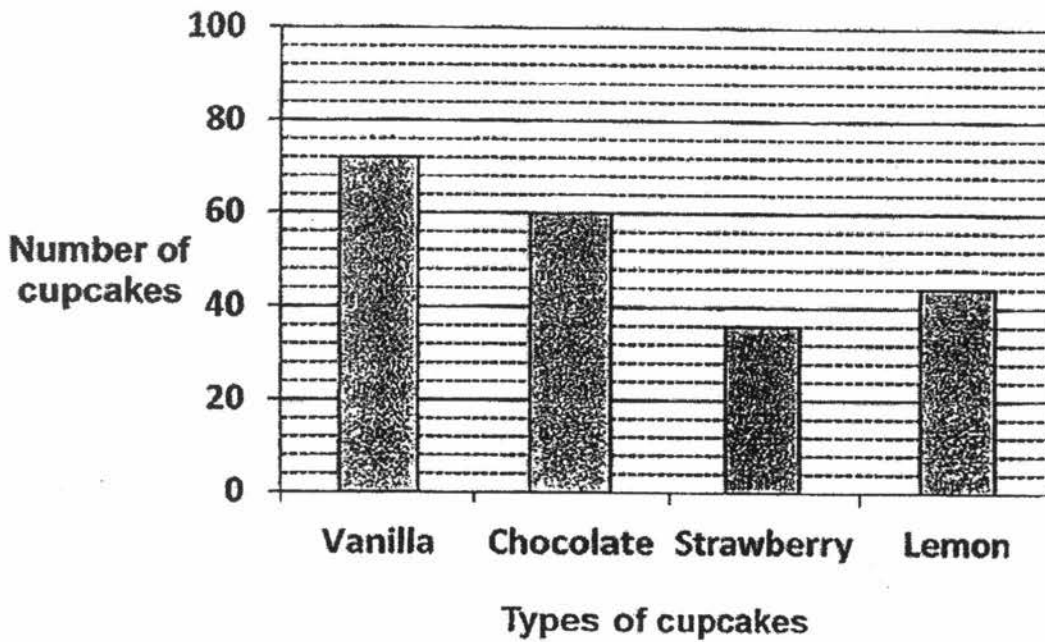Ans: _____ [4]

(Go on to the next page)

42. At a football match, $\frac{3}{5}$ of the spectators were men and the rest were women. If the total number of spectators is 180, how many more men than women were there?

Ans: _____ [4]

(Go on to the next page)

43. Vanessa sold four types of cupcakes at a school fair. The bar graph below shows the different number of cupcakes.

Types of cupcakes
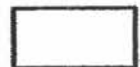
(a) Which type of cupcake did Vanessa sell the most?

(b) If each Vanilla cupcake costs $4 and each Chocolate cupcake costs $3, what was the total amount of money collected from the sale of Vanilla and Chocolate cupcakes?

Ans: (a) _____ [1]

(b) _____ [3]

(Go on to the next page)

44. Mr Wee and his son's age are in multiples of 9.

In 20 years' time their total age will be 85 years.

His son is not more than 10 years old now.

Find Mr Wee's age.

Ans: _____ [4]

End of paper

19

EXAM PAPER 2017 (P4)

SCHOOL : ROSYTH

SUBJECT : MATHEMATICS

TERM : SA1

ORDER CALL :

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

16) 45143   17) 24   18) 96503   19) 1860   20) 136

21) 1780   22) 4397   23) 2   24) 2/3   25) 11/12

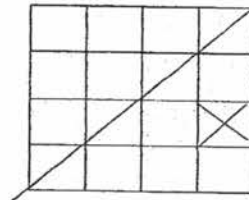26) 7/15   27) 23/6   28) 21   29) 22/5   30) 7/3 , 10/6 , 11/6

31) 108   32) 80   33)   34) 30

35) January   36) $360

37) 1u = 2846

3u = 2846 x 3 = 8538

There are 8538 files altogether.

38) Extra = $1455

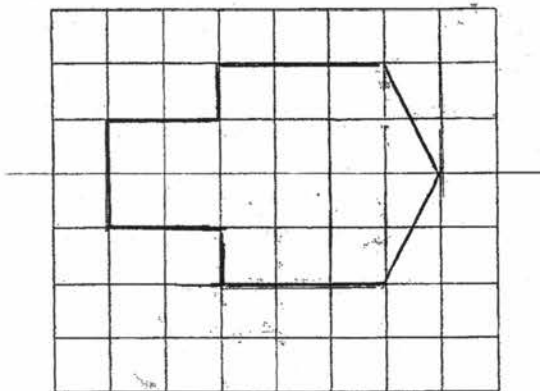2u = $3839 − $1455 = $2384

1u = $2384 ÷ 2 = $1192

The sofa cost $1192

39) After pour away = ¾ - 3/8 = 6/8 − 3/8 = 3/8

Add back = ½ + 3/8 = 4/8 x 3/8 = 7/8

There was 7/8L of lime juice in the end

40) a) Figure X

b)

41) Extra = 80

5u = 2340 − 80 = 2260

1u = 2260 ÷ 5 = 452

Red = 452 + 80 = 532

There are 532 red beads

42) $5u = 180$

$1u = 180 \div 5 = 36$

There are 36 more than women.

43) a) Vanessa sold vanilla cupcakes the most.

b) Vanilla = $72 \times \$4 = \$288$

Chocolate = $60 \times \$3 = \$180$

Altogether = $\$288 + \$180 = \$468$

The total amount is $468

44) son = 9

20 years = $20 + 9 = 29$

Mr Wee = $85 - 29 = 56$

Mr Wee now = $56 - 20 = 36$

Mr Wee is 36 years old.