SEMESTRAL ASSESSMENT 1

PRIMARY 3
MATHEMATICS PAPER

9 MAY 2017

Parent's signature

Name : _____

Form Class / Register No. : 3R_____ / _____

Banded Class / Register No. : 3M_____ / _____

Total time:1 h 45 min

INSTRUCTIONS TO CANDIDATES

1. Write your Name, Class and Register No. in the spaces provided above.
2. DO NOT turn over this page until you are told to do so.
3. Follow all instructions carefully and answer all questions.
4. For Section A, shade your answers on the Optical Answer Sheet (OAS) provided.
5. For Section B and C, write all your answers in this booklet
6. The use of calculator is **NOT ALLOWED**.

Marks (Section A)	30
Marks (Section B)	30
Marks (Section C)	20
Total Marks:	80

This booklet consists of 14 printed pages, excluding the cover page.

Section A: Multiple Choice Questions (15 × 2 = 30 marks)
For each question, four options are given. One of them is the correct answer.
Make your choice (1, 2, 3 or 4). Shade the oval (1, 2, 3 or 4) on the Optical Answer Sheet.

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1. What is the value of the digit 3 in 5836?

   (1) 3
   (2) 30
   (3) 300
   (4) 3000 ( )

2. Which one of the following sets of numbers is arranged in decreasing order?

   (1) 5445, 5454, 5544, 4554
   (2) 4554, 5445, 5454, 5544
   (3) 4554, 5544, 5454, 5445
   (4) 5544, 5454, 5445, 4554 ( )

3. Find the sum of 3608 and 2349.

   (1) 1259
   (2) 5947
   (3) 5957
   (4) 6057 ( )

4. Subtract 5126 from 8009.

   (1) 2873
   (2) 2877
   (3) 2883
   (4) 2987 ( )

5. What is the missing digit in the box?

$$\begin{array}{r} 4\ 0\ 1\ 0 \\ -\ 2\ 8\ 9\ 4 \\ \hline 1\ 1\ \square\ 6 \\ \hline \end{array}$$

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

6. Find the product of 8 and 4.

(1) 2
(2) 12
(3) 32
(4) 36 ( )

7. Which one of the following best represents 3 groups of 9?

(1) $3 + 9$
(2) $9 + 9 + 9$
(3) $9 \times 9 \times 9$
(4) $3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3$ ( )

8. Multiply 185 by 5.

(1) 37
(2) 505
(3) 525
(4) 925 ( )

9. What is the quotient of 811 ÷ 4?

(1) 3
(2) 22
(3) 110
(4) 202 ( )

10. Which one of the following will give a 4-digit odd number after adding 397?

(1) 602
(2) 715
(3) 4491
(4) 9594 ( )

11. There are 777 roses in a garden.
689 roses are red and the rest are white.
How many white roses are there?

(1) 88
(2) 98
(3) 112
(4) 1466 ( )

12. There are 10 pages in a workbook.
There are 7 questions on each page.
Lucy has completed 3 pages.
How many questions has she left?

(1) 11
(2) 14
(3) 21
(4) 49 ( )

13. There are 30 motorcycles and cars at a carpark.
There are a total of 80 wheels.
Which one of the following shows the number of motorcycles and the number of cars at the carpark?

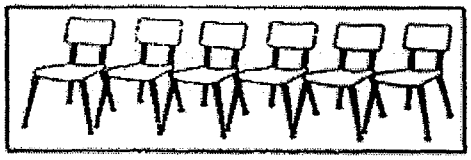
(1)	5	25
(2)	10	20
(3)	20	10
(4)	25	5

( )

14. 8 identical cups of water can fill a jug.
5 such identical jugs of water can fill a pail.
How many of such pails can be filled with 80 cups of water?

(1) 16
(2) 2
(3) 50
(4) 3200 ( )

15. John arranges 6 chairs in 1 row.
He gets 11 such rows but needs 1 more chair to form the 12th row.
How many chairs are there now?

One row: 

(1) 66
(2) 67
(3) 71
(4) 72 ( )

Section B: (15 × 2 = 30 marks)
Solve each of the following problems. Show all your working and statements clearly. Write your answers in the spaces provided.

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16. 7109 = 5 thousands + _____ hundreds + 9 ones

Ans: _____

17. Look at the numbers below.
What is the sum of the smallest and greatest numbers?

639	963	396	693

Ans: _____

18. The difference between two numbers is 356.
If the greater number is 500, what is the smaller number?

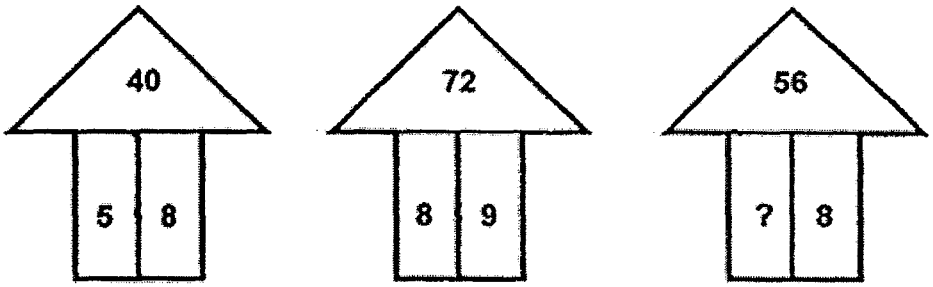
Ans: _____

6

19. $8 \times 9 = 2 \times 9 + \_\_\_ \times 9$

Ans: _____

20. What is the missing number?



Ans: _____

21. Chef Tommy baked twice as many chocolate cookies as peanut cookies.
He baked 666 peanut cookies.
How many chocolate cookies did he bake?

Ans: _____

22. Find the remainder of 888 ÷ 5.

Ans: _____

23. What is the largest odd number that can be formed using all the digits given below?

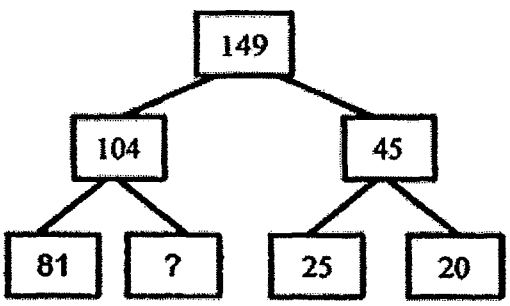
Ans: _____

24. Complete the number pattern below with the correct number.

2000, 2200, 2600, 3200, _____, 5000

Ans: _____

25. What is the missing number?



Ans: _____

26. If Alan collects another 1738 stamps, he would have a total of 5000 stamps.
How many stamps does he have now?

Ans: _____

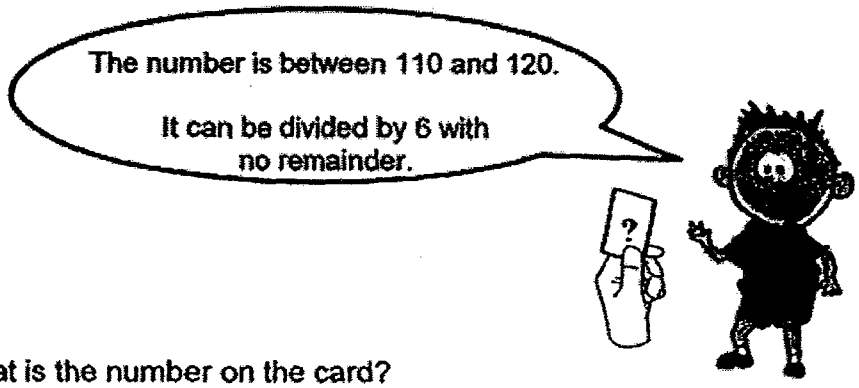
27. Esther baked 570 cookies.
She shared the cookies equally with 7 friends and gave cookies to her sister.
How many cookies did her sister receive?

Ans: _____

28. Brian has 210 stickers.
He has six times as many stickers as Kyle.
Nick has three times as many stickers as Kyle.
How many stickers do the three boys have altogether?

Ans: _____

29. Joseph took a peek at a number card.



What is the number on the card?

Ans: _____

30. Two pairs of shoes cost $30.
Two pairs of shoes and four pairs of socks cost $62.
How much does one pair of socks cost?

Ans: $_____

4

Section C: (5 × 4 = 20 marks)
Solve each of the following problems. Show all your working and statements clearly. Write your answers and word statements in the spaces provided.

31. 946 tickets were sold at a carnival on Saturday and Sunday.
The number of tickets sold on Saturday was 188 more than the number of tickets sold on Sunday.
How many tickets were sold on Saturday?

Working

Ans: _____ [4]

4

Working

32. One toy car costs $30.
Alice wants to buy 8 similar toy cars.
She has only $129.
How much more money does she need?

Ans: _____ [4]

4

Working

33. 8237 people visited the zoo in December.
2007 were adults and the rest were children.
There were 1557 girls.
How many boys were there?

Ans: _____ [4]

4

34. A machine produced 198 bars of chocolate in 2 hours.
The machine stopped producing after 10 hours.
The workers then packed all the chocolate bars equally into boxes of 9.
How many boxes of chocolates bars were there?

Working

Ans: _____ [4]

4

35. This is Dominic's weekly timetable.

Working

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
no school	 school	 school	 school	 school	 school	no school

Dominic spends $4 each day to travel from home to his school and from school back to his home.

a) How many days does it take him to spend $700 on travelling?

b) How many weeks does it take him to spend $700 on travelling?

Ans: a) _____ [2]

b) _____ [2]

4

End of paper

EXAM PAPER 2017 (P3)

SCHOOL : PEI WHA

SUBJECT : MATHEMATICS

TERM : SA1

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
2	4	3	3	1	3	2	4	4	4
Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20
1	4	3	2	3	21	1359	144	6	7

21)1332 22)3 23)9625 24)4000 25)23

26)3262 27)2 28)350 29)114 30)$8

31)946 – 188 = 758

758 ÷ 2 = 379

379 + 188 = 567

32)30 x 8 = 240

240 – 129 = $111

33)8237 – 2007 = 6230

6230 – 1557 = 4673 units

34)198 x 5 = 990

990 ÷ 9 = 110

35)a)700 ÷ 4 = 175 days

b)175 ÷ 5 = 35 weeks.