PEI HWA PRESBYTERIAN PRIMARY SCHOOL
SEMESTRAL ASSESSMENT 1

PRIMARY 3
MATHEMATICS PAPER

9 MAY 2018

Parent's signature

Name : _____

Form Class / Register No.   : 3R _____ / _____

Banded Class / Register No. : 3M _____ / _____

Total time:

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.

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.

1   5099 has the same value as

    (1) 50 + 99
    (2) 509 + 9
    (3) 5000 + 90 + 9
    (4) 5000 + 900 + 9   (   )

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

    (1) 7510 , 7020 , 6990 , 6750
    (2) 6830 , 8310 , 9040 , 7990
    (3) 5870 , 6840 , 6820 , 5470
    (4) 8490 , 8790 , 9480 , 9740   (   )

3

$$
\begin{array}{r}
4\ 8\ 1\ 8 \\
+\ \ 2\ \square\ 7\ 4 \\
\hline
7\ 2\ 9\ 2 \\
\hline
\end{array}
$$

The missing number in the box is _____.

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

1

4   Find the difference between the two values of the digit 8 in 8081.

   (1) $8 - 8$

   (2) $80 - 8$

   (3) $8000 - 8$

   (4) $8000 - 80$ (   )

5   What is 1987 less than 6503?

   (1)   4516

   (2)   4526

   (3)   4616

   (4)   5484   (   )

6   _____ $- 4 = 8 \times 8$

   (1)   16

   (2)   20

   (3)   64

   (4)   68   (   )

7   Which of the following gives the same value as 6 groups of 3?

   (1) $6 \div 3$

   (2) $6 + 6 + 6$

   (3) $3 \times 3 \times 3 \times 3 \times 3 \times 3$

   (4) $3 + 6 + 3 + 6 + 3 + 6$ (   )

8   Multiply 36 by 3.

   (1)   12

   (2)   39

   (3)   48

   (4)   108   (   )

2

9   What is the remainder of 235 ÷ 3?

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

10   Bryan has 573 stickers.
       He has 498 fewer stickers than James.
       How many stickers does James have?

     (1)   75
     (2)   648
     (3)   1071
     (4)   1644   (   )

11   Jack, Jill and May took part in a race.
       Jack took 800 seconds to complete the race.
       May took 1000 seconds and came in last.
       The difference in the time taken between Jack and Jill was 300 seconds.
       Which of the following was Jill's timing?

     (1)   500 seconds
     (2)   600 seconds
     (3)   1000 seconds
     (4)   1100 seconds   (   )

12   A durian costs 3 times as much as a jackfruit.
       Joe has enough money to buy 12 durians exactly.
       How many jackfruits can he buy with the same amount of money?

     (1)   48
     (2)   36
     (3)   9
     (4)   4   (   )

3

13 An ice-cream shop is holding a promotion to celebrate its 7th year anniversary. Customers whose queue number is a multiple of 7 will receive a free tub of ice cream. Study the picture below.

Mary John Ali Sam Oliver Jamie

40th   39th
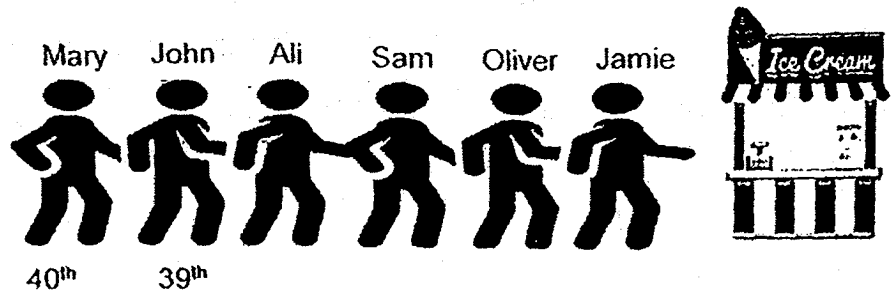
John is the 39th customer. Who will get the free tub of ice cream?

(1) Ali
(2) Mary
(3) Jamie
(4) Oliver

(   )

14 Peter and his brother saved $560.
His brother saved 7 times as much as him.
How much did Peter save?

(1) $70
(2) $80
(3) $420
(4) $490

(   )

15 Danny is 3 times as old as his sister.
His sister is 6 years old now.
What is their total age now?

(1) 9
(2) 15
(3) 18
(4) 24

(   )

4

Solve each of the following problems. Show all your working and statements clearly. Write your answers in the spaces provided.

16   Write three thousand, eight hundred and forty-five in numerals.

Ans: _____

17   Find the sum of 7303 and 2007.
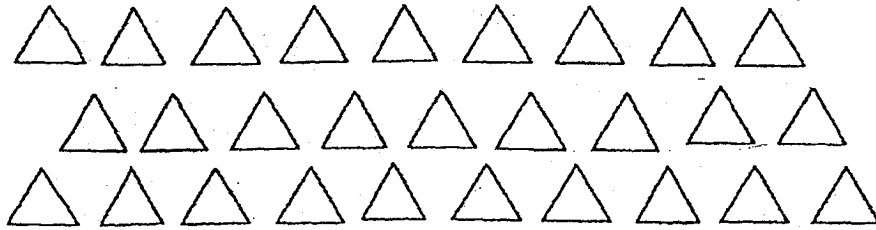
Ans: _____

18   What must be added to 2864 to get 6070?

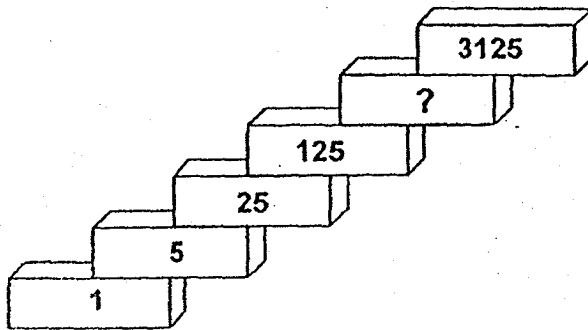Ans: _____

19   Find the product of 6 and 7.

Ans: _____

8
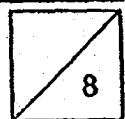
20   What is the least number of triangles that must be added to the figure
      below so that all the triangles can be arranged into groups of 9?

                                              Ans: _____
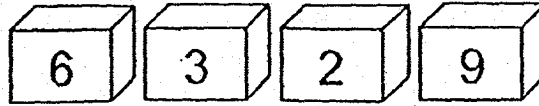

21   What is the missing number in this pattern?

                                              Ans: _____

22   What is the quotient when 565 is divided by 9?
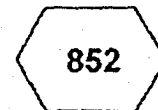

                                              Ans: _____
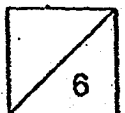
23   What is the smallest 4-digit even number that can be formed using all the digits given below?
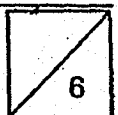
6   3   2   9

Ans: _____

24   Which two of the following numbers when added will give the greatest odd number?

157   174   506   852

Ans: _____ and _____

25   The difference between two numbers is 460.
The sum of these two numbers is 1020.
Find the smaller number.

Ans: _____

7

6

26   Cayden gave Daniel 389 marbles.
      In the end, Daniel had 443 marbles.
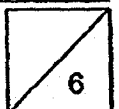   How many marbles did Daniel have at first?

Ans:_____

27   Study the patterns below.
      Fill in the missing numbers in the boxes below.

8	3	24
6	5	30

48 15

6		42
	8	72

54 56

28   Miss Jennifer gave 2 biscuits each to all her 29 pupils.
      She then had 7 biscuits left.
      How many biscuits did she have at first?

Ans:_____

6

29   Fill in the boxes below with digits 3 and 5 to give the greatest remainder.
      Use each digit once only.

$$\square \overline{)\ 2\ \square\ 4}$$

30   For every $2 spent, Jane gets a coupon.
      4 coupons are needed to exchange for a sheet of stickers.
      How many sheets of stickers can she exchange for when she spends $160?

                                              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.
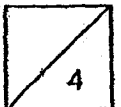
31 Muthu packs 184 marbles equally into 2 identical boxes.

   (a)   How many marbles are there in each box?

   (b)   How many marbles will there be in 9 such boxes?

Ans: (a) _____ [2]

(b) _____ [2]

4

32   Uncle Tom was selling some balloons at a funfair.

He sold 484 balloons.

He then gave the remaining balloons to 48 children.
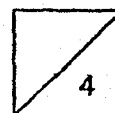
Each child received 2 balloons.

(a)   How many balloons were given out to all the children?

(b)   How many balloons were there at the funfair at first?

Ans: (a)_____ [2]

(b) _____ [2]

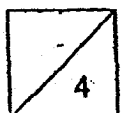11

4

33   A jacket cost $199 before a sale.

During a sale, 3 such jackets cost $486.

(a)   How much would 3 such jackets cost before the sale?

(b)   How much would you save if you had bought 3 jackets during the sale?

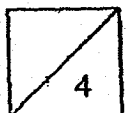Ans: (a) _____ [2]

(b) _____ [2]

12

4

34   Amelia, Nancy and Cassia collected 446 beads altogether.

Cassia and Nancy collected 276 beads altogether.

Amelia and Nancy collected 350 beads altogether.

(a)   How many beads did Amelia collect?

(b)   How many beads did Nancy collect?
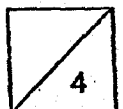
Ans: (a) _____ [2]

(b) _____ [2]

13

4

35   Joyce had 4 times as many storybooks as Kelvin.

After Kelvin bought 28 storybooks at a book fair, he had twice as many storybooks as Joyce.

(a)   How many storybooks did Kelvin have at first?

(b)   How many storybooks did Joyce have at first?

Ans: (a) _____ [2]

(b) _____ [2]

End of paper
14

EXAM PAPER 2018 (P3)

SCHOOL : PEI HWA

SUBJECT : MATHEMATICS

TERM   : SA1

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

16)3845   17)9310   18)3206   19)42   20)8

21)625   22)62   23)2396   24)852 and 157   25)280

26)54   27)6 7 / 9 8   28)65   29)5 $\overline{)734}$ 30) 20

31)a)184 ÷ 2 = 92

    b)92 x 9 = 828

32)a)48 x 2 = 96

    b)484 + 96 = 580

33)a)199 x 3 = $597

    b)597 – 486 = $111

34)a)446 − 276 = 170

   b)350 − 170 = 180

35)a)28 ÷ 7 = 4

   b)4 x 4 = 16