SEMESTRAL ASSESSMENT ONE (2017)

PRIMARY THREE

MATHEMATICS

Name : _____( )

Class : Primary 3 _____

Date : 5 May 2017

Duration : 1 h 45 min

Parent's Signature: _____

Section A	30
Section B	34
Section C	16
Total Marks	80

INSTRUCTIONS TO CANDIDATES

Do not turn over this page until you are told to do so.

Follow all instructions carefully.

Answer all questions.

For section A, shade your answers in the Optical Answer Sheet (OAS) provided.

This booklet consists of 16 printed pages.

SECTION A: Multiple-Choice Questions (30 marks)

Questions 1 to 15 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet (OAS). **SHADE** the oval completely. All diagrams are not drawn to scale.

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1. In 6527, what does the digit 5 stand for?

   (1) 5
   (2) 50
   (3) 500
   (4) 5000 ( )

2. 5372 + 1026 = _____

   (1) 4346
   (2) 4354
   (3) 6358
   (4) 6398 ( )

3. Find the difference between 4295 and 2273.

   (1) 2022
   (2) 2422
   (3) 6528
   (4) 6568 ( )

4. Which one of the following has the same value as 3981?

   (1) 300 tens + 9 hundreds + 8 tens + 1 ones
   (2) 300 tens + 9 tens + 8 tens + 1 ones
   (3) 30 tens + 9 hundreds + 8 tens + 1 ones
   (4) 30 tens + 9 tens + 8 tens + 1 ones

   ( )

5. 1905 + _____ = 7934

(1) 6029
(2) 6031
(3) 8029
(4) 9839 ( )

6. Which one of the following is the smallest?

(1) 9863
(2) 9836
(3) 9638
(4) 9683 ( )

7. 3213 is _____ less than 6001.

(1) 2788
(2) 3212
(3) 3288
(4) 9214 ( )

8. Multiply 639 by 6.

(1) 1284
(2) 1804
(3) 3684
(4) 3834 ( )

9. Simon had $903. Tony had $429 more than Simon. How much did Tony have?

(1) $474

(2) $526

(3) $1322

(4) $1332 ( )

10. Hong Yi bought 49 cookies. She gave 7 cookies to each of her friends. How many friends does she have?

(1) 7

(2) 42

(3) 56

(4) 343 ( )

11. What is the quotient when 128 is divided by 3?

(1) 42

(2) 2

(3) 125

(4) 384 ( )

12.

6	7	9	8

What is the greatest 4-digit odd number that can be formed with the digits above?

(1) 6789

(2) 7869

(3) 8769

(4) 9867 ( )

13. $238 \div 4 =$ _____ R2

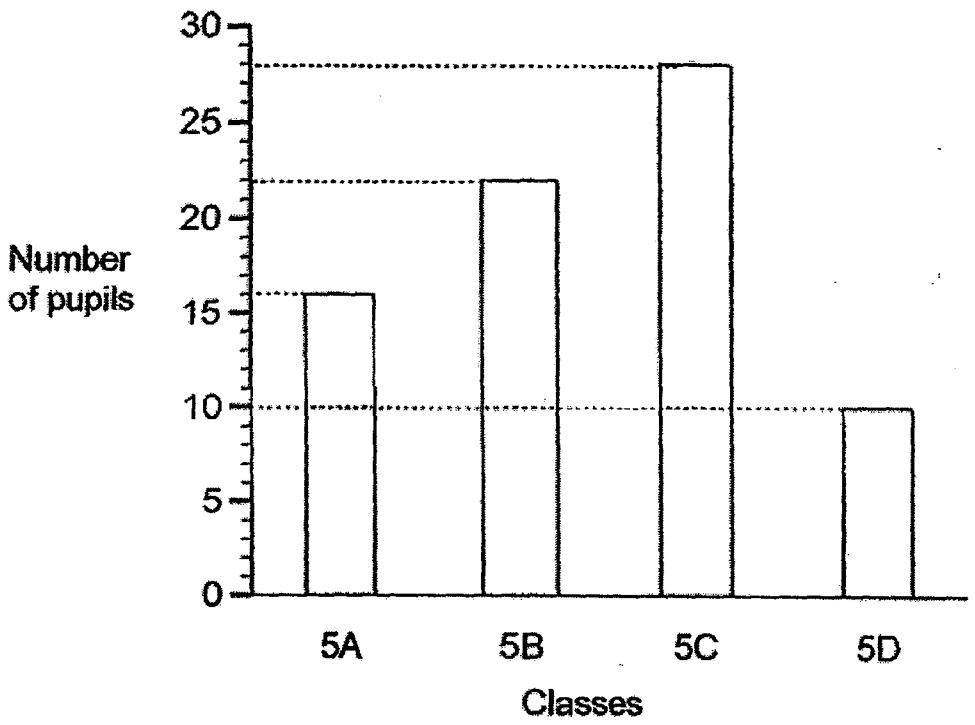
(1) 56

(2) 57

(3) 58

(4) 59 ( )

14. The bar graph below shows the number of pupils from 4 different classes who took part in a calligraphy competition.



How many fewer pupils from 5A took part in the calligraphy competition than 5C?

(1) 12

(2) 13

(3) 32

(4) 44 ( )

15. There were 141 children at a carnival. Every child was given 3 balloons. How many balloons were given out?

(1) 47

(2) 138

(3) 144

(4) 423 ( )

SECTION B: Short Answer Questions (34 marks)

Questions 16 to 21 carry 1 mark each. Questions 22 to 35 carry 2 marks each. Show your working clearly in the space provided and write the correct answers in the answer boxes provided. For questions which require units, give your answers in the units stated.

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16. In 9047, the digit 0 is in the _____ place.

Ans: [ ]

17. Write seven thousand and seventy-seven in numeral.

Ans: [ ]

18. Arrange the following numbers in order, beginning with the smallest.

1096, 9601, 6901, 9061

Ans: [, , ,]

smallest greatest

19. Jaime bought a watch for $113 and a wallet for $65. How much did she spend altogether?

Ans: $ ____

20. Find the product of 12 and 8.

Ans: ____

21. Divide 54 by 6.

Ans: ____

22. Complete the number pattern below.

4607, 4618, 4629, 4640, _____, 4662, 4673

Ans: ____

23. Ribbon A was 55 cm and Ribbon B was 127 cm. How much longer was Ribbon B than Ribbon A?

Ans: _____ cm

24. Find the remainder when 234 is divided by 5.

Ans: _____

25. Kieran had 38 game cards. John had 9 times as many game cards as Kieran. How many game cards did John have?

Ans: _____

26. Francis had 5104 stickers. He had 305 less stickers than Henry. How many stickers did Henry have?

Ans: _____

27.

$$\begin{array}{r} 6\ 7\ 1\ 9 \\ -\ 2\ \boxed{?}\ 6\ 8 \\ \hline 4\ 4\ 5\ 1 \end{array}$$

What is the missing digit in the box?

Ans: ____

28. Tara and Julian had 2609 stamps altogether. Tara had 587 stamps. How many stamps did Julian have?

Ans: ____

29.

$$3\overline{)\ 6\ 2\ 1}\quad \text{quotient: } 2\ \boxed{?}\ 7$$

What is the missing digit in the box?

Ans: ____

30. The mass of 6 identical cups is 210 g.
What is the mass of one cup?

Ans: _____ g

31. ? ÷ 3 = 63 ÷ 7

What is the missing number in the box?

Ans: _____

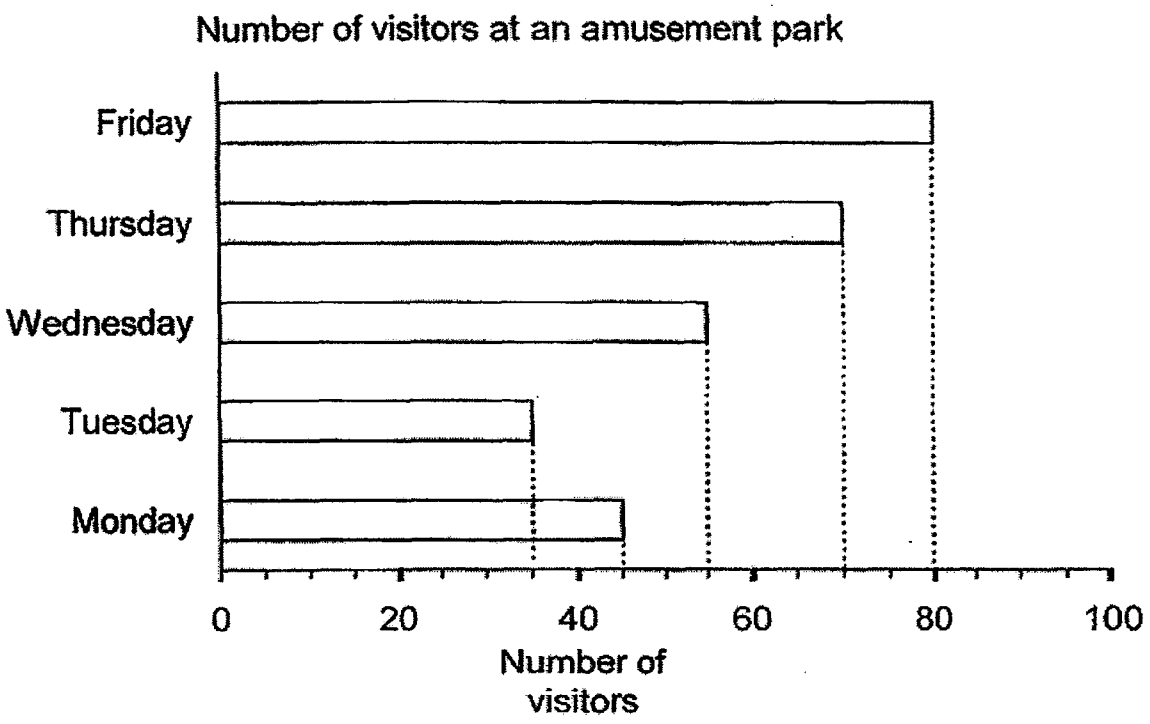
32. A chair cost $28. A table cost thrice as much as the chair. How much more did the table cost than the chair?

Ans: $ _____

33. Jaime had 257 muffins. She packed all the muffins equally into 5 boxes with some left over. How many muffins were left over?

Ans: _____

The bar graph below shows the number of visitors at an amusement park from Monday to Friday.
Study the graph carefully and answer questions 34 and 35.



34. On which day were there twice as many visitors as Tuesday?

Ans: ____

35. How many more visitors visited the amusement park on Friday than on Wednesday?

Ans: ____

SECTION C: Long Answer Questions (16 marks)

Questions 36 to 39 carry 3 marks each. Question 40 carries 4 marks. Solve the following story sums. All workings must be shown clearly. Draw models when necessary. For questions which require units, give your answers in the units stated.

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36. Kelvin had 103 candies. He gave 55 candies to his friends and packed the rest equally into packets of 6. How many packets of candies did he have?

Ans: _____ (3m)

37. Abel, Basil and Carl shared some money. Abel received twice as much money as Basil. Carl received thrice as much money as Basil. Abel received $48. How much money did they have altogether?

Ans: _____ (3m)

38. There were 383 spectators at a football match at first. After 79 women left, there was an equal number of men and women at the football match. How many men were there at the football match?

Ans: _____ (3m)

39. George baked some muffins on Monday. He sold 1503 muffins and baked another 2083 muffins on Tuesday. He had 3429 muffins in the end. How many muffins did he bake on Monday?

Ans: _____ (3m)

40. There were 112 marbles in a bag. There were 25 more red marbles than blue marbles. There were 32 more green marbles than red marbles. How many blue marbles were there?

Ans: _____ (4m)

End of Paper

EXAM PAPER 2017 (P3)

SCHOOL :CATHOLIC HIGH

SUBJECT : MATHEMATICS

TERM : SA1

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

16)hundred 17)7077 18)1096 , 6901 , 9061 , 9601

19)$178 20)96 21)9 22)4651 23)72cm

24)4 25)342 26)5409 27)2 28)2022

29)0 30)35 g 31)27 32)$56 33)2

34)Thursday 35)25

36)103 – 55 = 48

48 ÷ 6 = 8

He had 8 packets of candies.

37)2u = 48

1u = 48 ÷ 2 = 24

6u = 24 x 6 = 144

They received $144 altogether.

38)2u = 383 – 79 = 304

M = 304 ÷ 2 = 152

There were 152 men at the football match.

39)1u = 429 – 2083 = 1346

M = 1346 + 1503 = 2849

He baked 2849 muffins on Monday .

40)25 + 25 + 32 = 82

3u = 112 – 82 = 30

B = 30 ÷ 3 = 10

There were 10 blue marbles.