HENRY PARK PRIMARY SCHOOL
2017 SEMESTRAL EXAMINATION 1
MATHEMATICS
PRIMARY 3

Name:_____ (   )   Parent's Signature

Class: Primary 3 _____   _____

Duration of Paper: 1 h 45 min

Marks:

Section A (MCQ)	13
Section B (Open-Ended)	45
Section C (Problem Sums)	22
Total	80

Questions 1 to 5 carry 1 mark each. Questions 6 to 9 carry 2 marks each.
Choose the correct answer and write its number in the brackets provided.
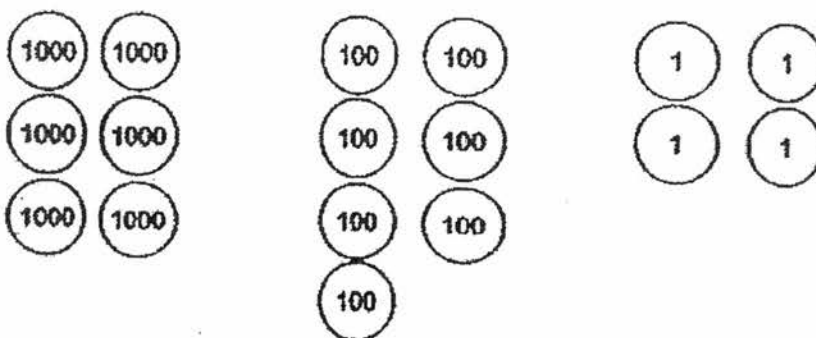You are required to shade the correct oval of your answer (1, 2, 3 or 4) in the
Optical Answer Sheet (OAS) provided.

1.   In 8724, the digit 7 is in the _____ place.

     (1) ones
     (2) tens
     (3) hundreds
     (4) thousands
                                                                        (   )

2.   What is the total value shown below?

     (1) 674
     (2) 6074
     (3) 6704
     (4) 6740
                                                                        (   )

3. $67 \times 8 = \boxed{?}$

   What is the missing number in the box?

   (1) 155
   (2) 486
   (3) 487
   (4) 536   (   )

4. Which of the following has the same value as 4 fives?

   (1) $4 + 5 + 4 + 5$
   (2) $4 \times 4 \times 4 \times 4 \times 4$
   (3) $5 \times 5 \times 5 \times 5$
   (4) $5 + 5 + 5 + 5$ (   )

5. How much more money must be added to 25 cents to make $1?

   (1) $0.65
   (2) $0.75
   (3) $0.85
   (4) $1.25   (   )

6. What is 80 less than 4040?

   (1) 3240
   (2) 3960
   (3) 4020
   (4) 4120   (   )

7. 8854 people watched a tennis match.
   2153 of them were women and the rest were men.
   How many more men than women were there?

   (1) 4548
   (2) 4558
   (3) 4652
   (4) 6701

   (   )

8. Madam Tan had 7 packets of sweets.
   There were 6 sweets in each packet.
   She gave away 9 sweets to her children.
   How many sweets had she left?

   (1) 31
   (2) 33
   (3) 42
   (4) 51

   (   )

9. At first, John had $60 more than his sister.
   He gave $10 to his sister.
   How much more money does John have than his sister now?

   (1) $30
   (2) $40
   (3) $50
   (4) $70

   (   )

(Go on to Section B)

Questions **10** to **14** carry **1** mark each. Questions **15** to **34** carry **2** marks each.
Read the following questions carefully and write your answers in the boxes provided.
Show your working clearly.

10. Write eight thousand, four hundred and thirty-seven in numbers.

11. Find the product of 8 and 4.

12. Find the sum of 6395 and 2504.

13. Find the value when 304 is multiplied by 7.

14. How many 20-cent coins are needed to make $3?

15. The difference between two numbers is 45. The smaller number is 186.
    What is the greater number?

    ```
    ┌────────────────┐
    │                │
    └────────────────┘
    ```

16. Complete the number pattern.

    5872 , 5882 , 5892 , [?] , 5912

    ```
    ┌────────────────┐
    │                │
    └────────────────┘
    ```

17. Jane uses 9 beads to make a key chain.
    How many beads would she need to make 3 such key chains?

    ```
    ┌────────────────┐
    │                │
    └────────────────┘
    ```

18. Mrs Lim bought 8 boxes of cookies. There were 48 cookies altogether.
    Each box contained the same number of cookies. How many cookies were
    there in each box?

    ```
    ┌────────────────┐
    │                │
    └────────────────┘
    ```

19. What is the digit represented by the letter A?

$$
\begin{array}{r}
4 \ \ A \ \ 3 \ \ 7 \\
+ \ 2 \ \ 5 \ \ 9 \ \ 2 \\
\hline
7 \ \ 4 \ \ 2 \ \ 9 \\
\hline
\end{array}
$$

20. Find the value of 108 + 4.

21. What is the quotient and remainder when 519 is divided by 7?
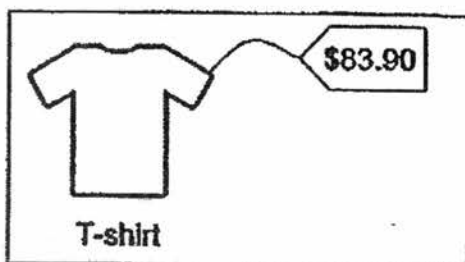
22. Elaine has 4 number cards as shown below.

| 2689 | 3723 | 5938 | 4152 |

(a) Which one of her number cards has the greatest value?

(b) Elaine said, "The difference in values between the greatest and the smallest number cards is 3259."

Is her statement <u>true</u> or <u>false</u>?

23. Ahmad bought 6 files at $4 each. He had $45 left.
How much money did he have at first?

$

24. A T-shirt cost $83.90. Mary paid $8.50 less for the T-shirt during a sale.
How much money did she pay for the T-shirt during the sale?

$83.90

T-shirt

$

25. Use all the digits below to form the smallest four-digit number.
Each digit can only be used once.

$$5 \quad , \quad 2 \quad , \quad 3 \quad , \quad 8$$

26. Find the difference between 6000 and 4328.

27. $\boxed{\quad ? \quad} \div 5 = 86\ R3$
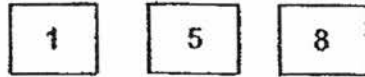
What is the missing number in the box?

28. 3 pencils cost \$2. Beng Seng bought 27 pencils.
How much money did he spend altogether?

$\boxed{\$ \qquad}$

29. Xiao Ming had 273 stickers. Nadia had 3 times as many stickers as Xiao Ming. How many stickers did they have altogether?

30. Bala bought a shirt for $36.10 and a bag for $47.95.
He gave the cashier two fifty-dollar notes. How much change should he receive?

$

31. Mr Liu had 1560 apples at his fruit stall. He had 95 fewer pears than apples.
He found 188 rotten pears and threw them away. How many pears were left at the fruit stall?

32. Peter used the digits given below to form a 3-digit number.

| 1 | 5 | 8 |

When he divided the 3-digit number by 5, there was no remainder.
What was the 3-digit number that Peter had formed?

33. The pictures below show the prices of four different items, A, B, C and D.
Fatimah spent a total of $77.80 on two items. What were the two items that she bought?

| A | B | C | D |
| $23.35 | $54.45 | $22.35 | $50.45 |

Items [   ] and [   ]

34. A train left Station A with some passengers on board and headed towards Station B. At Station B, 27 passengers got off and 53 passengers boarded the train. When the train left Station B, there were 250 passengers on board the train. Find the number of passengers on board the train when it left Station A.

NAME: _____ CLASS: Primary 3 _____
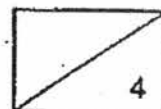
<u>Section C: Problem Sums (22 marks)</u>

Read the problem sums carefully before solving it. Show your working clearly.
The number of marks available is shown in brackets [ ] at the end of each question
or part-question.

35. Mr Hong had 14 boxes of red markers. There were 6 red markers in each box.
    He also had 172 blue markers.

    (a) How many red markers did Mr Hong have? [2m]   <u>Working</u>

    (b) Mr Hong packed the blue markers into boxes of 7.
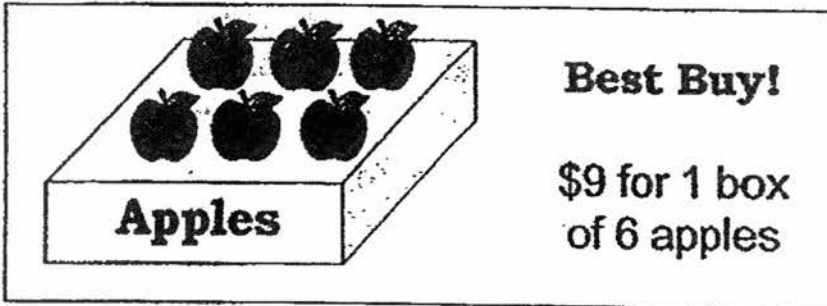   How many blue markers were not packed? [2m]

4

36.   There were 405 children at a celebration.

There were twice as many boys as girls at the celebration.

(a) How many girls were there at the celebration? [2m]

(b) 87 boys and 59 girls joined the celebration.
    What was the total number of children at the
    celebration in the end? [2m]

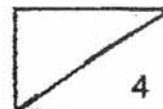37. Use the picture shown below to answer the questions.

Best Buy!

$9 for 1 box
of 6 apples

(a) Mr Chia wanted to buy 156 apples.

How many such boxes of apples must he buy? [2m]

(b) Doris paid $315 for some boxes of apples.

How many such boxes of apples did she buy? [2m]

Working

4

38. Macy wants to do some Math questions to prepare for her examination. She does 2 questions on Day 1. On Day 2, she does 3 more questions than Day 1. Each day, she will do 3 more questions than the day before.

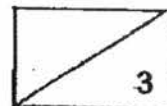(a) How many questions will Macy have done on Day 5?

[2m]

Day							
Number of questions completed							

(b) For every 5 questions Macy completes, her mother will give her a sticker. How many stickers will Macy collect when she completes 80 questions? [2m]
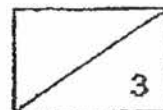
4

39. Uncle Tan baked 3500 chocolate cookies and 2870 strawberry cookies.

    He sold some cookies and had 482 cookies left.

    How many cookies did Uncle Tan sell? [3m]

Working

3

40. Yusuf bought a total of 42 blue and green pens.

He bought 5 times as many blue pens as green pens.

How many blue pens did he buy? [3m]

Working

3

EXAM PAPER 2017 (P3)

SCHOOL :HENRY PARK

SUBJECT : MATHEMATICS

TERM : SA1

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9
3	3	4	4	2	2	1	2	2

10)8437   11)32   12)8899   13)2128   14)15

15)231   16)5902   17)27   18)6   19)8

20)27   21)74 R1   22)5938   23)$69   24)$75.40

25)2358   26)1672   27)433   28)$18   29)1092

30)$15.95   31)1277   32)185   33)A and B   34)224

35)a)14 x 6 = 84

    Mr Hong had 84 red markers.

  b)172 ÷ 7 = 24 R4

    4 blue markers were not packed.

36)a)2 + 1 = 3

    405 ÷ 3 = 135

    There were 135 girls at the celebration.

36)b)$87 + 59 = 146$

$146 + 405 = 551$

The total number of children at the celebration in the end was 551

37)a)$156 \div 6 = 26$

He must buy 26 boxes of apples to get 156 apples.

b)$315 \div 9 = 35$

She bought 35 boxes of apples.

38)a)$2 + 3 = 5$

$5 + 3 = 8$

$8 + 3 = 11$

$11 + 3 = 14$

Macy had done 14 question on Day 5.

b)$80 \div 5 = 16$

Macy will collect 16 sticker when she completes 80 question.

39)$3500 + 2870 = 6370$

$6370 - 482 = 5888$

Uncle Tan sold 5888 cookies.

40)$5 + 1 = 6$

$42 \div 6 = 7$

$5 \times 7 = 35$

He bought 36 blue pens.