MID-YEAR EXAMINATION 2016
PRIMARY 3
MATHEMATICS

(BOOKLET A)

Total Time

Sections A to C: 1 hour 45 minutes

INSTRUCTIONS TO CANDIDATES

Do not turn over this page until you are told to do so.
Follow all instructions carefully.
Answer all questions.

Name: _____ (   )

Class: Primary 3._____

Date :   10 May 2016

This booklet consists of 5 printed pages including this page.

Section A
Questions **1** to **4** carry 1 mark each.
Questions **5** to **16** 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 oval (1, 2, 3 or 4) on the Optical Answer Sheet. (28 marks)

1   In the number 1 209, the value of the digit 2 is _____.

    (1)   2
    (2)   20
    (3)   200
    (4)   2000

2   3 700 = _____ hundreds
What is the missing number?

    (1)   7
    (2)   37
    (3)   370
    (4)   3700

3   What is the value of 19 hundreds, 17 tens and 6 ones?

    (1)   42
    (2)   420
    (3)   1923
    (4)   2076

4   8 019, 8 100, 8 181, _____ , 8 343
What is the missing number?

    (1)   8 191
    (2)   8 200
    (3)   8 262
    (4)   8 300

5 What number must be added to 3546 to get 5650?

(1) 2104
(2) 5104
(3) 6196
(4) 9196

6 $8 \times 7 = 14 + 4 \times 7 + \boxed{} \times 7$
What is the missing number in the box?

(1) 2
(2) 4
(3) 6
(4) 8

7 $100 - 19 = \boxed{} \times 9$
What is the missing number?

(1) 9
(2) 10
(3) 81
(4) 729

8 Divide 52 by 6. What is the remainder?

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

9 Mrs Wong has 9 pizzas. She cuts each pizza into 8 equal slices. How many slices of pizza does she have altogether?

(1) 8
(2) 17
(3) 72
(4) 81

10 Mrs Tan gave 32 pencils to a class of 8 pupils equally. How many pencils did each pupil receive?

(1) 4
(2) 24
(3) 40
(4) 256

11 Miss Ng has 875 sweets and 65 chocolates. Miss Lee has two times as many sweets and chocolates as Miss Ng. How many sweets and chocolates does Miss Lee have?

(1) 940
(2) 1750
(3) 1815
(4) 1880

12 Alice has 1 fifty-cent coin, 3 twenty-cent coins and 3 five-cent coins in her piggy bank. How much money does she have altogether?

(1) $0.75
(2) $1.25
(3) $3.50
(4) $5.05

13 ☐ ÷ 7 = 126

What is the missing number in the box?

(1) 18
(2) 119
(3) 133
(4) 882

14 Shu Min wanted to buy a doll that cost $9.85. However, she only had $6.95.
How much more money did she need to buy the doll?

(1) $2.90
(2) $3.10
(3) $9.85
(4) $16.80

15 How many 20-cent coins are there in $6?

(1) 5
(2) 20
(3) 26
(4) 30

16 Meiling has $187. Shirley has three times as much money as Meiling. How
much more money does Shirley have than Meiling?

(1) $187
(2) $374
(3) $561
(4) $748

Go on to Booklet B

MID-YEAR EXAMINATION 2016
PRIMARY 3
MATHEMATICS

(BOOKLET B)

Total Time

Sections A to C: 1 hour 45 minutes

INSTRUCTIONS TO CANDIDATES
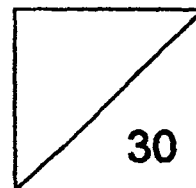
Do not turn over this page until you are told to do so.
Follow all instructions carefully.
Answer all questions.

Name: _____ ( )

Class: Primary 3._____

Date : 10 May 2016

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This booklet consists of 7 printed pages including this page.

Section B
Questions **17** to **22** carry 1 mark each.
Questions **23** to **34** carry 2 marks each.
Write your answers in the spaces provided.
For questions which require units, give your answers in the units stated.   (30 marks)

17   Write 5 894 in words.

_____

_____

18

```
0    2    1    1
```

Use the given digits to form the smallest 4-digit odd number.

Ans: _____

19   7526 + [   ] = 8134

What is the missing number?

Ans: _____

20   1 243 = 1 thousand + ▢ tens + 3 ones

What is the missing number in the box?

Ans: _____

21   675 is 125 more than ▢
What is the missing number in the box?

Ans: _____

22   Complete the number pattern below.

| 409 | 510 | | 712 | | 914 |

Ans: _____

23 Divide 727 by 9. What is the remainder?

Ans: _____

24 Subtract 6 twenty-cents from $5.

Ans: $ _____

25 One box could hold 8 cupcakes. Aunt Mary packed all the cupcakes into the boxes. What was the least number of boxes she needed to hold 322 cupcakes?

Ans: _____

26 Samantha spends $105 of her pocket money each week. She spends an equal amount of money every day. How much does she spend each day? (1 week = 7 days)

Ans: $_____

27 Mrs Tay bought some groceries. She gave the cashier $100 and received $32.65 as change. How much did she spend on her groceries?

Ans: $_____

28 ☆ + ☆ + ☆ + ☆ = 24

△ x △ = 49

What is ☆ x △ = ?

Ans: _____

29 Qi Wei spent $15.90 on food, $4.20 on drink and had $5 left. How much did Qi Wei have at first?

Ans: $ _____

30 Tim has $25.80. He has $3.60 more than Kenny. How much do they have altogether?

Ans: $ _____

31 Faith had 190 stamps. She gave her brother 66 stamps. She put the rest into 4 envelopes. How many stamps were there in each envelope?

Ans: _____

32 Tom and Pete saved a total of $88.80. If Tom saved $24.40 more than Pete, how much money did Pete save?

Ans: $_____

33 Some markers were shared equally among 6 teachers. Each of them received 12 markers. 3 more teachers joined the school and the markers are redistributed. How many markers will each of them receive?

Ans: _____

34 There are 20 red and 30 blue balls in a box. There are 6 such boxes. How many more blue balls than red balls are there in all?

_____

MID-YEAR EXAMINATION 2016
PRIMARY 3
MATHEMATICS

(BOOKLET C)

<u>Total Time</u>

Sections A to C: 1 hour 45 minutes

<u>INSTRUCTIONS TO CANDIDATES</u>

Do not turn over this page until you are told to do so.
Follow all instructions carefully.
Answer all questions.

Name: _____ . (   )

Class: Primary 3._____

Date : 10 May 2016

Booklet A	/ 28
Booklet B	/ 30
Booklet C	/ 22
TOTAL	/ 80

Parent's Signature: _____

This booklet consists of 7 printed pages including this page

Section C
For questions **35** to **40**, show your working clearly and write your answers in the space provided. The number of marks available is shown in brackets [   ] at the end of each question or part-question.   (22 marks)

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35   Derek has $150 and Ahmad has $38.

How much money must Derek give to Ahmad so that they will have the same amount of money?

Ans: _____[3]

36 Mr Wong had 10 balloons in each bag. He had a total of 15 bags. He gave each child 3 balloons at a birthday party. How many children were there at the birthday party?
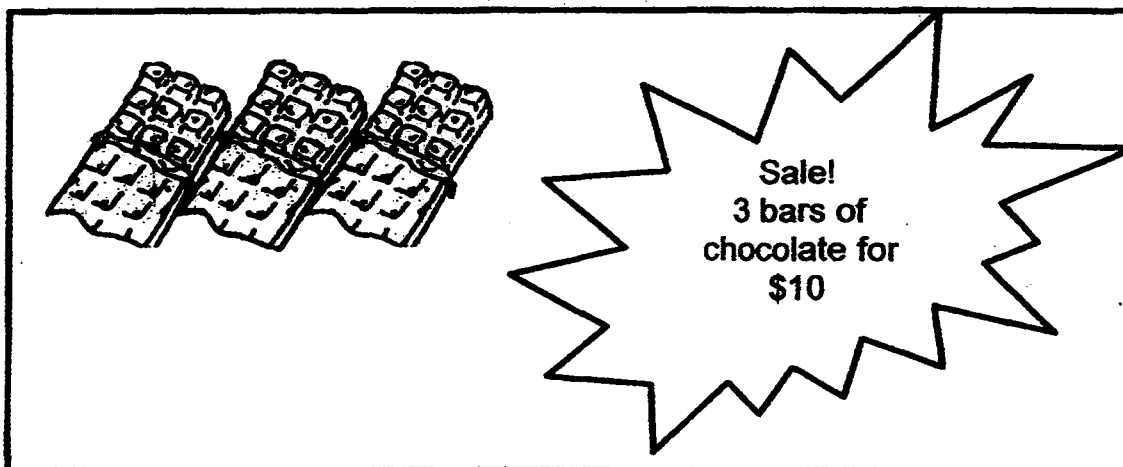
Ans:_____[3]

37   Ali has $28.50. He has $10.80 more than Siti. Siti has $31.40 less than Raj.
      a. How much money does Raj have?
      b. How much money do they have altogether?

                                          Ans (a) _____ [2]

                                               (b) _____ [2]

38 The poster below was an advertisement put up at a supermarket.

(a) Kimi bought 42 bars of chocolate. How much did she pay for them?

(b) Kimi was given another $50 to buy the chocolate bars for her class party. How many more chocolate bars could she get with the money given?

Ans: (a)_____ [2]

         (b) _____ [2]

39 Kim opened her book and saw two consecutive page numbers. The sum of the two numbers can be divided by 7. Both page numbers are more than 10 but less than 30. The bigger number can be divided by 5. What are the two page numbers?

Ans: _____ [4]

40   Jane had 128 cherries. She used 12 cherries to decorate a cake. After decorating 5 identical cakes, she had enough cherries to decorate another 5 more such cakes. How many cherries had Jane left after decorating all the cakes?

Ans; _____ [4]

End of Paper

ANSWER KEY

YEAR   :   2016
LEVEL   :   PRIMARY 3
SCHOOL   :   METHODIST GIRLS'
SUBJECT   :   MATHEMATICS
TERM   :   SA1

Booklet A

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
3	2	4	3	1	1	1	4
Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16
3	1	4	2	4	1	4	2

Booklet B

Q17   Five thousand eight hundred and ninety four.

Q18   1021

Q19   608

Q20   24

Q21   550

Q22   409   510   <u>611</u>   712   <u>813</u>   914

Q23   7

Q24 $3.80

Q25   41 boxes

Q26 $105 ÷ 7 ⇒ <u>$15</u>

Q27 $100 - $32.65 ⇒ <u>$67.35</u>

Q28   6 + 6 + 6 + 6 = 24
        7 x 7 = 49
        6 x 7 ⇒ <u>42</u>

Q29 $15.90 + $4.20 → $20.10
        $20.10 + $5 ⇒ <u>$25.10</u>

Q30 Tim → $25.80
Kenny → $25.80 - $3.60 = $22.20
Both Tim & Kenny → $22.20 + $25.80 ⟹ <u>$48</u>

Q31 190 – 66 → 124
124 ÷ 4 ⟹ <u>31 stamps</u>

Q32 $88.80 - $24.40 → $64.40
$64.40 ÷ 2 ⟹ <u>$32.20</u>

Q33 12 x 6 → 72
72 ÷ 9 ⟹ <u>8 markers</u>

Q34 20 x 6 → 120
30 x 6 → 180
180 – 120 ⟹ <u>60 more blue balls</u>

Booklet C

Q35 $150 - $38 → $112
$112 ÷ 2 ⟹ <u>$56</u>

Q36 15 x 10 → 150
150 ÷ 3 ⟹ <u>50 children</u>

Q37 (a) $28.50 - $10.80 → $17.70
$17.70 + $31.40 ⟹ <u>$49.10</u>

(b) $49.10 + $17.70 → $66.80
$66.80 + $28.50 ⟹ <u>$95.30</u>

Q38 (a) 42 ÷ 3 → 14
14 x 10 ⟹ <u>$140</u>

(b) 50 ÷ 10 → 5
5 x 3 ⟹ <u>15 chocolate bars</u>

Q39 The two page numbers are <u>25</u> and <u>24</u>.

Q40 12 x 10 → 120
128 – 120 ⟹ <u>8 cherries</u>