METHODIST GIRLS' SCHOOL (PRIMARY)

Founded in 1887

CONTINUAL ASSESSMENT 2015
PRIMARY 5
MATHEMATICS

PAPER 1
(BOOKLET A)

Total Time for Booklets A and B: 50 minutes

INSTRUCTIONS TO CANDIDATES

Do not turn over this page until you are told to do so.
Follow all instructions carefully.
Answer all questions.
Shade your answers in the Optical Answer Sheet (OAS) provided.
The use of calculators is **NOT** allowed.

Name: _____ (   )

Class: Primary 5._____

Date :   3 March 2015

This booklet consists of 5 printed pages including this page.

Questions **1** to **10** carry 1 mark each. Questions **11** 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.

(20 marks)

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1. 600 000 + 8000 + 50 +3 = ⬚

    What is the number in the box?

    (1)   68 053

    (2)   68 503

    (3)   608 053

    (4)   680 503

2. 6 hundreds + 48 thousands = ⬚

    What is the missing number in the box?

    (1)   48 600

    (2)   54 000

    (3)   486 000

    (4)   648 000

3. What is the value of 10 + 16 x 4 ÷ 2 – 1?

    (1)   26

    (2)   41

    (3)   74

    (4)   104

4. What is the closest estimate for 671 x 249?

    (1)   670 x 200

    (2)   670 x 250

    (3)   700 x 200

    (4)   700 x 250

5. What is the value of the digit 3 in 8 359 216?

   (1)   300 x 10
   (2)   300 x 100
   (3)   300 x 1 000
   (4)   300 x 10 000

6. Estimate the sum of 298 608 + 7 290 by first rounding off each number to the nearest thousand.

   (1)   305 900
   (2)   306 000
   (3)   306 600
   (4)   307 000

7. $\boxed{} - \dfrac{3}{4} = \dfrac{5}{12}$

   What is the missing fraction in the box?

   (1) $\dfrac{1}{4}$

   (2) $\dfrac{1}{3}$

   (3) $\dfrac{1}{2}$

   (4) $\dfrac{7}{6}$

8. How many eighths are there in $3\dfrac{1}{4}$?

   (1)   13
   (2)   2
   (3)   14
   (4)   26

9. Which **What** one of the following does **not** have the same value of $\frac{5}{4}$?

   (1) $5 \div 4$

   (2) $4 \div 5$

   (3) $5 \times \frac{1}{4}$

   (4) $\frac{1}{2} + \frac{3}{4}$

10. Which one of the following fractions is greater than $\frac{3}{7}$?

   (1) $\frac{1}{5}$

   (2) $\frac{1}{6}$

   (3) $\frac{3}{5}$

   (4) $\frac{3}{8}$

11. How many hundreds are there in ten million?

   (1)   100

   (2)   1 000

   (3)   10 000

   (4)   100 000

12. What is the missing number in the box?

   98 532 = 900 hundreds + ⬚ tens + 32 ones

   (1)   85

   (2)   850

   (3)   8 500

   (4)   85 000

4

13. Mary has thrice as many beads as Peter. They have a total of 132 beads. how many more beads does Mary have than Peter?

    (1)   22
    (2)   33
    (3)   44
    (4)   66

14. Mrs Lee, a fruiterer, had 315 bags of 3 apples each. She bought 30 more apples and repacked all the apples into packets of 5 apples each.
    How many packets of apples were there?

    (1) $315 \times (3 + 30) + 5$
    (2) $(315 \times 3) + 30 \div 5$
    (3) $(315 \times 3 + 30) \div 5$
    (4) $(315 \times 3) + (30 + 5)$

15. John spent $\frac{4}{9}$ of his money on transport, $\frac{1}{6}$ of it on food. What fraction of his money had he left?

    (1) $\frac{5}{18}$

    (2) $\frac{7}{18}$

    (3) $\frac{8}{18}$

    (4) $\frac{11}{18}$

METHODIST GIRLS' SCHOOL (PRIMARY)
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CONTINUAL ASSESSMENT 2015
PRIMARY 5
MATHEMATICS

PAPER 1
(BOOKLET B)

Total Time for Booklets A and B: 50 minutes

INSTRUCTIONS TO CANDIDATES

Do not turn over this page until you are told to do so.
Follow all instructions carefully.
Answer all questions.
Write your answers in this booklet.
The use of calculators is **NOT** allowed.

Name: _____ (   )

Class: Primary 5._____

Date: 3 March 2015

Paper 1 Booklet A	/ 20
Paper 1 Booklet B	/ 20
Paper 2	/ 40
TOTAL	/ 80

This booklet consists of 5 printed pages including this page.

Questions **16** to **25** carry 1 mark each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (10 marks)

16. Round off 649 249 to the nearest thousand.

Ans: _____

17. Write seven million and seventy in numeral.

Ans: _____

18. Write 7 845 912 in words.

_____

_____

19. The missing number in the box is _____.

$$84 \times 26 = 84 \times 16 + 84 \times \boxed{}$$

Ans: _____

20. What is the greatest possible whole number that can be rounded off to 9000?

Ans: _____

21. What number must be added to 56 389 to make 500 000?

Ans: _____

22. $6\frac{1}{3} = (6 \times \frac{1}{3}) + (5 \times \frac{1}{3}) + (\boxed{} \times \frac{1}{3})$

What is the missing number in the box?

Ans: _____

23. Find the value of $7\frac{1}{6} - 2\frac{3}{4}$.

Ans: _____

24. $\frac{1}{3}$, $\frac{1}{2}$, $\frac{2}{3}$, $\frac{5}{6}$, $\boxed{}$

What is the missing number in the pattern above?

Ans: _____

25. Express $\frac{46}{9}$ as a decimal correct to 2 decimal places

Ans: _____

3

Questions **26** to **30** carry 2 marks each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

(10 marks)

26 $7500 \div 500 = \boxed{} \times 3$

Ans: _____

27. Mrs Tan made 250 tarts. She sells each tart for 60 cents.
    How much money will she get if she sells all the tarts?

Ans: $ _____

28. In a bag, there are 25 potatoes.
    What is the least number of bags needed to pack 2789 potatoes?

Ans: _____

29 I am thinking of a 5-digit number between 40 000 and 50 000.

The digit in the hundreds place has a value of 800.

The digit in the ones place is the sum of the factors of 4.

The digit in the thousands place is 1 more than the digit in the hundreds place.

The digit in the tens place is the difference between the digit in the hundreds place and the digit in the ones place.

What is the number?

Ans: _____

30. Mrs Chong had a piece of cloth. She bought another $1\frac{3}{4}$ m of cloth. She gave away $\frac{1}{3}$ m of cloth to a friend. She had $2\frac{7}{12}$ m of cloth left. How much cloth did she have at first? Give your answer in the simplest form.
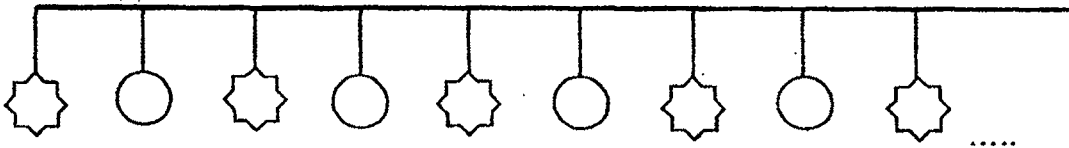
Ans: _____ m

End of Booklet B

Questions **1** to **3** carry 2 marks each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. **(6 marks)**

1. The difference between 2 numbers is 120. If one number is thrice the other number, what is the bigger number?

   Ans : _____

2. Chitra decorated a hall. She used a 700-cm string and hung 2 types of shapes. At every 25 cm, she put a different shape onto the string in the sequence shown below. How many circles did she use?

   Ans: _____

3. The length of a rectangle is $1\frac{3}{5}$ m. Its breadth is $\frac{5}{8}$ m. What is the perimeter of the rectangle? Give your answer in the simplest form.

   Ans: _____ m

2

For questions **4** to **13**, 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.

(34 marks)

4. Alice and Denise had an equal number of stickers at first. Alice gave away 30 of her stickers and Denise bought another 36 stickers. In the end, Denise had 4 times as many stickers as ~~Denise~~. How many stickers did Alice have at first?   Alice

Ans: _____ [3]

5. The table shows the charges at a car park.

| First hour | $3 |
| Every additional 30 minutes or part thereof | $1.50 |

Mr Tan parked his car from 9 a.m. to 12.35 p.m.
How much did he have to pay?

Ans: _____ [3]

3

6.   The mass of a wooden crate full of oranges is 23 kg. When the crate is

$\dfrac{1}{4}$ full of oranges, it weighs 9 kg. What is the mass of the wooden

crate in the box? Give your answer to 2 decimal places.

Ans: _____ [3]

7.   A mouse dropped into a hole which was 1 m deep. It tried to climb out

of the hole. At every second, it climbed $\dfrac{5}{12}$ m upwards but slid

downwards by $\dfrac{1}{3}$ m. In the last second, it managed to climb out of the

hole without sliding backwards. How many seconds did the mouse

take to climb out of the hole?

Ans: _____ [3]

8. 20 identical lamp posts are placed 10 m apart along a straight road such that both ends of the road have a lamp post each. The width of each lamp post is 20 cm. How long is the road? Give your answer in m.

Ans: _____ [3]

9. Mr Lim is 63 years old and his son is 27 years old.
How many years ago was Mr Lim 4 times as old as his son?

Ans: _____ [3]

10. Ali, Bala and Charles had $230. Ali spent $\frac{6}{7}$ of his money. Bala gave

$50 to his brother. Charles spent $\frac{1}{2}$ of what Ali had spent. They have

the same amount of money left.

(a) How much money does each of them have at the end?

(b) How much money did Charles have at first?

Ans: (a) _____ .[3]

(b) _____ [1]

11. There are 320 more ~~boys~~ ^{girls} than ~~girls~~ ^{boys} in a school. $\frac{7}{10}$ of the boys and $\frac{1}{2}$ of the girls wear spectacles. The number of boys who wear spectacles ~~are~~ ^{is} the same as the number of girls who wear spectacles.

(a) What fraction of the pupils in the school do not wear spectacles?
Give your answer in the simplest form.

(b) How many pupils wear spectacles in the school?

Ans: (a) _____ [1]

(b) _____ [3]

7

12. Brenda had some 50-cent coins and Sally had some 20-cent coins.
Brenda had 6 fewer coins than Sally. Sally had $2.70 less than Brenda.
(a) How much money did Brenda have?
(b) How many 20-cent coins did Sally have?

Ans:(a) _____ [3]

(b) _____ [1]

13. Joanna received $90 from the sale of 5 similar handbags, 3 similar wallets and 1 backpack. She sold 1 wallet and 1 backpack for $29. She also sold 1 handbag and 1 wallet for $17. How much did she sell one wallet for?

Ans: _____ [4]

9

EXAM PAPER 2015
LEVEL   : PRIMARY 5
SCHOOL : METHODIST GIRLS SCHOOL (PRIMARY) SCHOOL
SUBJECT : MATH
TERM   : CA1

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

Q16. ANS : 649000

Q17. ANS : 70000 70

Q18. ANS : Seven million, eight hundred and forty five thousand, nine hundred and twelve.

Q19. ANS : 10

Q20. ANS : 9499

Q21. ANS : 443611

Q22. ANS : 8

Q23. ANS : $4\frac{5}{12}$

Q24. ANS : $\frac{6}{6}$

Q25. ANS : 5.11

$46 \div 9 = 5.111$

Q26. ANS : 5

$7500 \div 500 = 1500$

$1500 \div 3 = 500$

$75 \div 5 = 15$

$15 \div 3 = 5$

Q27. ANS : $150

$25 \times 6 = 150$

Q28. ANS : 112 bags

$2789 \div 25 = 111r14$

$111 + 1 = 112$

Q29. ANS : 49, 817

$1 + 2 + 4 = 7$

Q30. ANS : 1⅙m

$2\frac{7}{12} + \frac{1}{3} = \frac{31}{12} + \frac{4}{12} = \frac{35}{12}$

$\frac{35}{12} - 1\frac{3}{4} = \frac{35}{12} - \frac{21}{12} = \frac{14}{12} = 1\frac{2}{12} = 1\frac{1}{6}$

Q1. ANS : 180
3U – 1U = 2U
2U ➜ 120
1U ➜ 120 ÷ 2 = 60
60 X3 = 180

Q2. ANS : 14 circles
700 ÷ 25 = 28
700 ÷ 25 = 28
28 ÷ 2 = 14

Q3. ANS : $4\frac{9}{20}m$
$1\frac{3}{5} = \frac{8}{5}$
$\frac{8}{5} + \frac{5}{8} = \frac{89}{40}$
$\frac{89}{40}$ x 2 $= \frac{89}{20}$
$\frac{89}{20} = 4\frac{9}{20}$

Q4. ANS : 52 stickers
4U –1U = 3U
3U – 30 + 36 = 66
1U ➜ 66 ÷ 3 = 22
22 + 30 = 52

Q5. ANS: $1200
1.50 x 6 = 12.00
9.00 + 3.00 = 12.00

Q6. ANS : 4.33kg
1C + or ➜ 23
1C + $\frac{1}{4}$ or ➜ 9
0C + $\frac{3}{4}$ or ➜ 14
0C + $\frac{1}{4}$ OR ➜ 14 ÷ 3 = 4.666
9 – 4.666 = 4.334
4.334 ≈ 4.33

Q7. ANS : 8 seconds
$\frac{1}{12}$ ➜ 1 seconds
$\frac{12}{12} - \frac{5}{12} = \frac{7}{12}$ ➜ left
$\frac{7}{12} \div \frac{1}{12} = 7$
7 + 1 = 8

Q8. ANS : 194M
20 − 1 = 19
19 x 10 = 190
20 x 20 = 400
400cm ➜ 4m
190 + 4 = 194

Q9. ANS : 15 years ago
Age difference ➜ 63 − 27 = 36
4U − 1U = 3U
3U ➜ 36
1U ➜ 36 ÷ 3 = 12
27 − 12 = 15

Q10a. ANS : $15
230 − 50 =180
6 + 3 = 9
9 + 3= 12
12U ➜ 180
1U ➜ 180 ÷ 12 = 15

Q10b. ANS : $60
15 x 4 = 60

Q11a.. ANS : $\frac{5}{12}$ *pupils*
$\frac{10}{24} = \frac{5}{12}$
7 − 3 = 4
320 ÷ 4 = 80
7 + 7 = 14

Q11b. 1120 pupils
80 x 14 = 1120

Q12a. ANS : $6.50
3 x 0.50 = 6.50

Q12b. ANS : 19 coins
13 + 6 = 19

Q13. ANS: $8
1W + 1B ➜ 29
1W + 1H ➜ 17
17 + 29 = 46
90 − 46 = 44
44 − 17 = 27
27 ÷ 3 = 9
17 − 9 = 8

THE END