19

RIVER VALLEY PRIMARY SCHOOL
SEMESTRAL ASSESSMENT 2
2016
MATHEMATICS
PRIMARY THREE

Name : _____ ( )

Class : Primary 3 ( )

Date : 27 October 2016

Duration : 1 hour 45 minutes (Booklets A and B)

BOOKLET A

Instructions to candidates

- Do not open the booklet(s) until you are instructed to do so.
- Read all instructions provided in each section carefully.
- Show your workings as marks may be awarded.
- **REMEMBER TO SHADE THE CORRECT OVAL IN THE OAS.**

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Section A : MCQ (25 marks)
Questions 1 to 5 carry 1 mark each. Questions 6 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) and shade the oval (1, 2, 3 or 4) on the Optical Answer Sheet.

1. In the number 7 539, which digit is in the hundreds place?

   (1) 7 (2) 5

   (3) 3 (4) 9

2. 3 958 is 100 less than _____.

   (1) 2 958 (2) 3 858

   (3) 4 058 (4) 4 958

3. Which of the following is the same as 4 444?

   (1) 4000 + 40 + 4 (2) 4000 + 4

   (3) 4000 + 400 + 44 (4) 4000 + 440 + 44

4. Complete the number pattern.

   3 050, _____, 3 550, 3 800, 4 050

   (1) 3 200 (2) 3 250

   (3) 3 300 (4) 3 350

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5. 4 876 + 3 519 = _____.

(1) 7385 (2) 7395

(3) 8389 (4) 8395

6. 692 x 7 = _____.

(1) 4 234 (2) 4 244

(3) 4 834 (4) 4 844

7. When a number is divided by 4, it gives a remainder of 2.
Which of the following is the number?

(1) 274 (2) 264

(3) 252 (4) 244

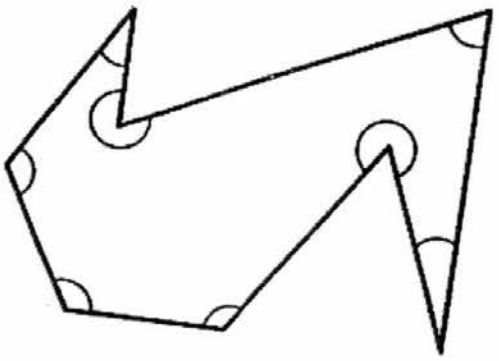
8. 35 + 7 + 7 + 7 = ☐ x 7. What is the answer in the box ?

(1) 8 (2) 6

(3) 3 (4) 5

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9. How many angles **inside** the figure below are **smaller than** a right angle?



(1) 1 (2) 2

(3) 3 (4) 4

10. Which of the following fractions is the same as $\frac{6}{8}$?

(1) $\frac{2}{4}$ (2) $\frac{2}{6}$

(3) $\frac{8}{10}$ (4) $\frac{9}{12}$

11. Which of the fractions below is smaller than $\frac{3}{4}$ but greater than $\frac{1}{2}$?

(1) $\frac{2}{8}$ (2) $\frac{3}{8}$

(3) $\frac{5}{8}$ (4) $\frac{7}{8}$

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12. Mr Tan watched a movie for 2 h 50 min.
The movie ended at 9.15 p.m. What time did the movie start?

(1) 6.15 p.m. (2) 6.25 p.m.

(3) 7.15 p.m. (4) 7.25 p.m.

13. George has only $8.70 in his wallet. He wants to buy a storybook that cost $20.00. Then his mother gives him $5. How much more money does he need so that he can buy the storybook?

(1) $13.70 (2) $11.30

(3) $6.30 (4) $3.70

14. Angela and Mariam had an equal number of beads at first. After Angela gave 40 beads to Mariam, Mariam now has 100 beads. How many beads does Angela have in the end?

(1) 140 (2) 70

(3) 60 (4) 20

15. The mass of a durian and 3 similar mangoes is 2 kg 50 g.
The mass of the same durian and 2 similar mangoes is 1 kg 800 g.
What is the mass of 3 mangoes?

(1) 750 g (2) 700 g

(3) 500 g (4) 250 g

- End of Booklet A -

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SUMMARY OF MARKS :

Section		Questions	Marks Awarded	Maximum Marks
A	Multiple Choice Questions	1 – 15		25
B	Short Answer Questions	16 – 35		35
C	Long Answer Questions	36 – 40		20
Total				80

Parent's Signature:

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Section B : Short Answer Questions (35 marks)

Questions 16 to 20 carry 1 mark each. Questions 21 to 35 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.

16. Write eight thousand and fifty-four in figures.

Answer : _____

17. Form the **greatest even number** using all the digits below.

6 , 1 , 2 , 7

Answer : _____

18. How many 3s are there in 924?

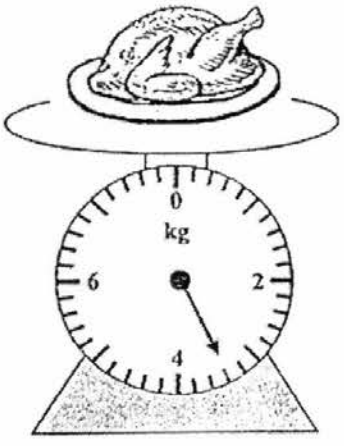
Answer : _____

19. 2 ℓ 50 mℓ is the same as _____ mℓ.

Answer : _____ mℓ.

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20. What is the mass of the plate of roast chicken below?
Give your answer in kg and g.



Answer : _____ kg _____ g

21. Jenny packed 476 marbles into one bag. She packed a total of 8 similar bags.
How many marbles did Jenny pack altogether?

Answer : _____

22. Jeremy puts 294 stamps equally into 7 albums. How many stamps are there in each album?

Answer : _____

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23. Arrange the fractions in order, beginning with the smallest.

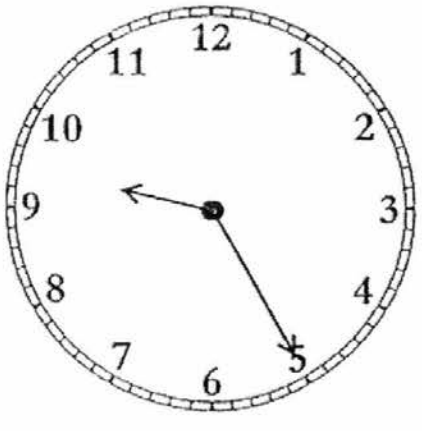
$\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{8}$

Answer : _____ , _____ , _____

24. Ming cut a cake into 12 equal pieces. Ali took 3 pieces of the cake, Lily took 4 pieces and Timmy took 2 pieces.
What fraction of the cake was **left**? (Give your answer in the simplest form)

Answer : _____

25. Salmah jogged for 90 minutes in the evening.
When she reached home after the jog, she saw the time on the clock as shown below. What time did she start jogging?



Answer : _____ p.m.

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26. Gopal completed his homework at 4.30 p.m.
He took 1 hour to do his homework.
His sister started doing her homework 30 minutes earlier than him.
At what time did Gopal's sister start doing her homework?

Answer : _____ p.m.

27. A factory produces 1020 shirts a day. 480 of them are long sleeves shirts. The rest are short sleeves shirts. How many short sleeves shirts does the factory produce in 5 days?

Answer : _____

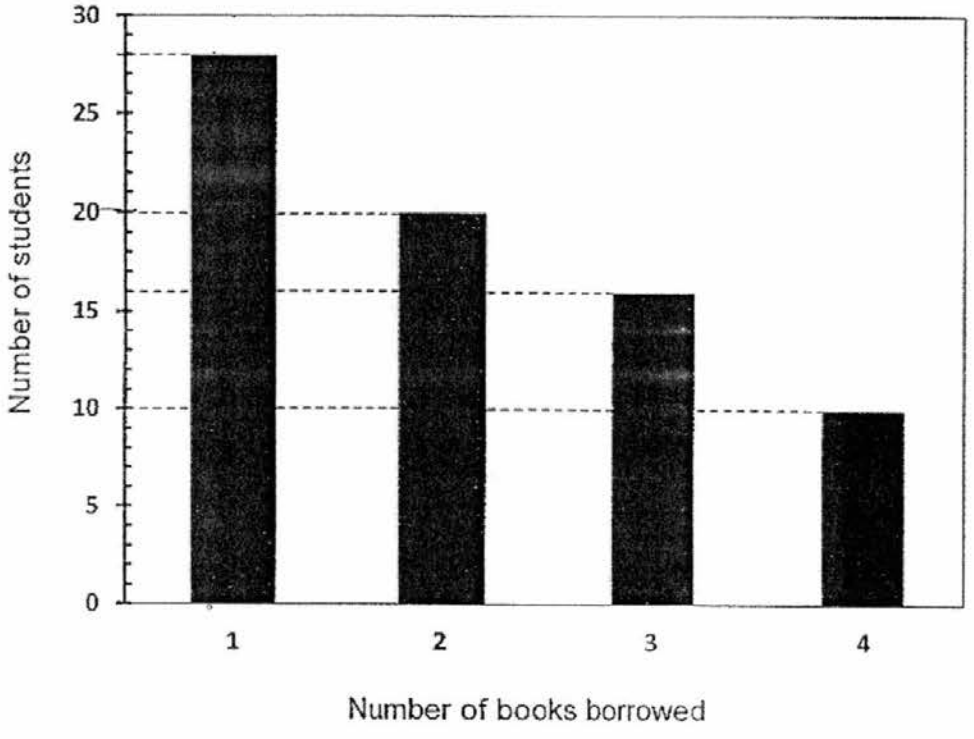
28. Which of the following letter(s) contain(s) **both** parallel and perpendicular lines?



Answer : _____

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The graph below shows the number of books borrowed by the Primary Three students in Happy View Primary School.
Study the graph carefully to answer questions 29 and 30.



29. How many students borrowed **more** than 2 books?

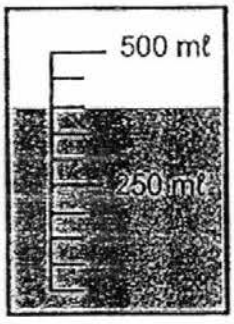
Answer: _____

30. If there are 150 Primary Three students in the school, how many Primary Three students **did not** borrow any books?

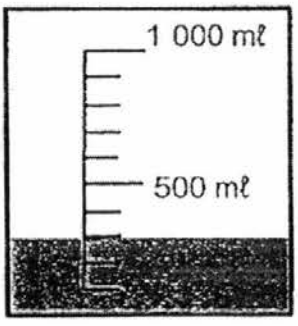
Answer : _____

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31. How much more water must be poured from Container A into Container B such that both containers would have the same amount of water?



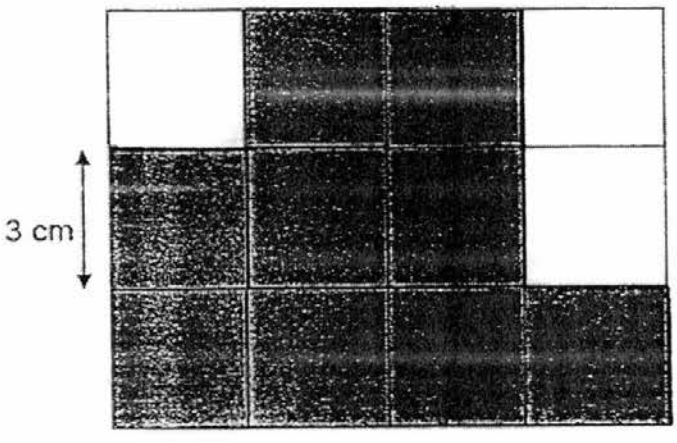
Container A



Container B

Answer : _____ mℓ

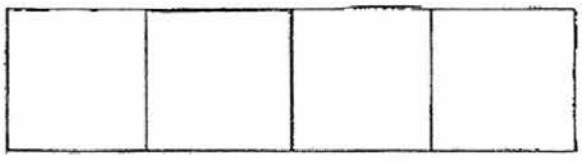
32. The figure below is made up of 3 cm squares.
What is the perimeter of the shaded figure?



Answer : _____ cm

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33. The figure below is made up of 4 identical squares.
The figure has a perimeter of 80 cm.
What is the area of **one square**?





Answer : _____ cm^2

34. There are 3 times as many boys as girls at a party.
There are 24 fewer girls than boys.
How many children are there at the party altogether?

Answer : _____

35. Jordan paid $59.40 for a shirt and 2 identical ties.
The shirt cost $5.40 more than a tie.
How much did each tie cost?

Answer : $_____

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Section C : Long Answer Questions (20 marks)

For questions 36 to 40, show your working clearly and write your answers in the spaces provided. The number of marks available is shown in brackets ( ) at the end of each part-question.

36. A fruit seller had 6000 pears at first.
He sold 4028 pears and threw away 68 rotten pears.

(a) How many pears had he left?

(b) The pears that the fruit seller sold were packed equally into 4 boxes. How many pears did he pack into each box?

Answer : (a)_____(2m)

(b)_____(2m)

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37. Mr and Mrs Wong took their 3 children to the zoo. An adult's ticket cost 2 times as much as a child's ticket. Mr Wong paid a total of $42 for all the tickets.

(a) What was the cost of a child's ticket?

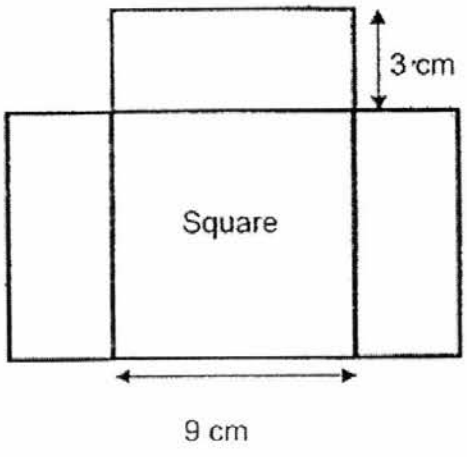
(b) At the souvenir shop in the zoo, Mrs Wong paid $80 for a shirt and 3 caps. The shirt cost $35. How much did 1 cap cost?

Answer : (a)_____(2m)

(b)_____(2m)

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38. The figure below is made up of 3 identical rectangles and a square.



(a) Find the area of the square.

(b) Find the perimeter of the figure.

Answer : (a)_____(2m)

(b)_____(2m)

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39. At a bookshop, books are sold at $5 for 1 book. For every 8 books a customer pays, an extra book will be given free.

(a) How much will Mrs Lim pay for 10 books?

(b) What is the most number of books Mr Hassan can get for $90?

Answer : (a)_____(2m)

(b)_____(2m)

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40. Anthony has 2 times as many marbles as Ben. Cedric has 3 times as many marbles as Anthony. The 3 boys have 414 marbles altogether.

(a) How many marbles does Cedric have?

(b) If the 3 boys decide to share all their marbles equally, how many marbles will each boy have?

Answer : (a)_____(3m)

(b)_____(1m)

- End of Paper -

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EXAM PAPER 2016 (P3)

SCHOOL : RIVER VALLEY

SUBJECT : MATHEMATICS

TERM : SA2

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

16)8054 17)7612 18)308 19)2050nl 20)3kg 400g

21)3808 22)42 23) ¼, 3/8, ½ 24) ¼ 25)7.55 p.m.

26)3.00 p.m. 27)2700 28)I 29)26 30)76

31)400 – 300 = 100

100 ÷ 2 = 50ml

32)14 x 3 = 42cm

33)80 ÷ 10 = 8

8 x 8 = 64cm2

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34)24 ÷ 6 = 4

4 x 6 = 24

24 + 24 = 48

35)59.40 – 5.40 = 54.00

54 ÷ 3 = 3u → 54

1u → $18

36)a)4028 + 68 = 4096

6000 – 4096 = 1904

b)4028 ÷ 4 = 1007

37)a)42 ÷ 7 = $6

b)80 – 35 = 45

45 ÷ 3 = $15

38)a)9 x 9 = 81cm

b)6 x 3 = 18

9 x 4 = 36

36 + 18 = 54cm

39)a)8 x 5 = 40

40 + 5 = $45

b)90 ÷ 5 = 18

18 ÷ 8 = 2

18 + 2 = 20

40)a)414 ÷ 9 = 46

46 x 6 = 276

b)138

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