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.**

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

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

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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BOOKLET B

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:

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 -

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 <u>greatest even number</u> using all the digits below.
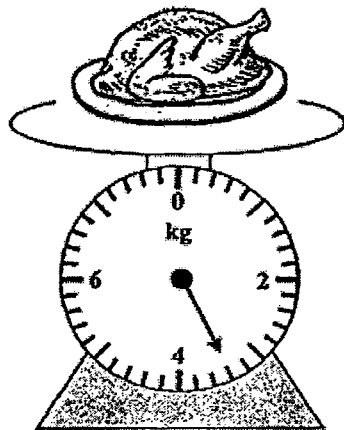
6 , 1 , 2 , 7

Answer : _____

18. How many 3s are there in 924?

Answer : _____

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

Answer : _____ mℓ.

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 : _____

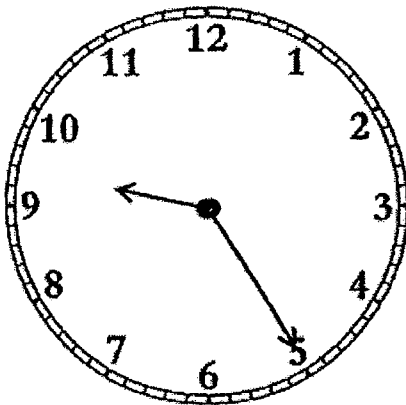23. Arrange the fractions in order, beginning with the smallest.

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

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.

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
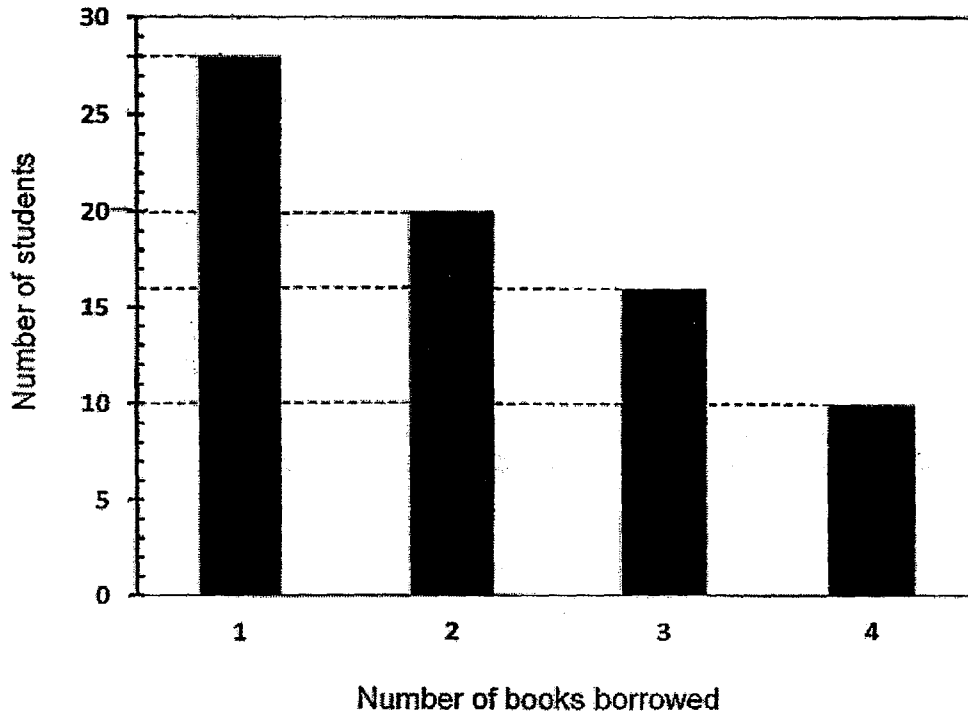   factory produce in 5 days?

    Answer : _____

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

    LIFT

    Answer : _____

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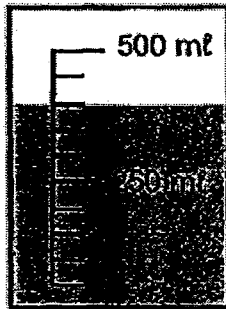Study the graph carefully to answer questions 29 and 30.

Number of books borrowed

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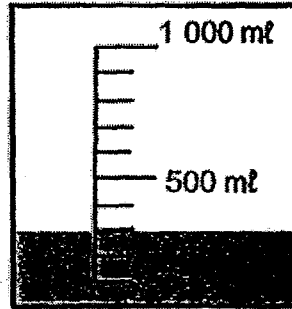

Answer: _____

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

Answer : _____

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?
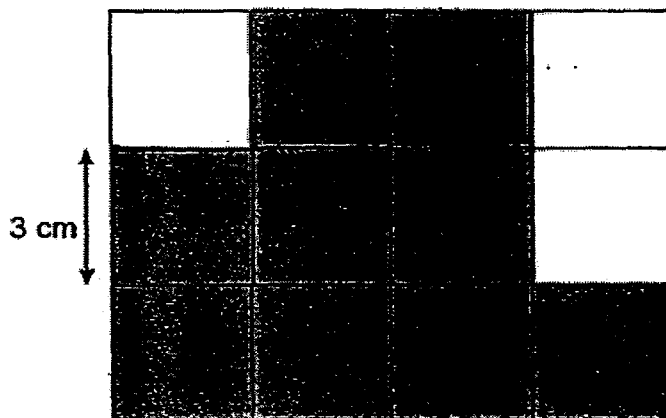

500 ml

250 ml

Container A

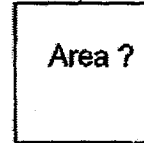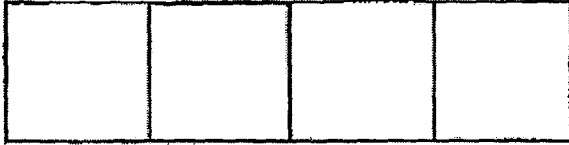1 000 ml

500 ml

Container B

Answer : _____ ml

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

3 cm

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 : _____ cm²

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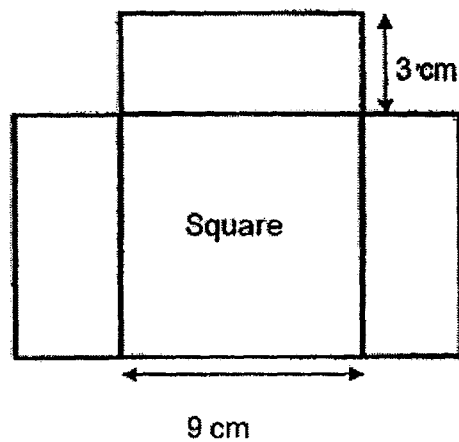
(a) What was the cost of a child's ticket?

(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)

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

9 cm

(a) Find the area of the square.
(b) Find the perimeter of the figure.

Answer : (a)_____(2m)

(b)_____(2m)

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)

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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ANSWER SHEET

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)l   29)26   30)76

31)400 − 300 = 100

   100 ÷ 2 = 50ml

32)14 x 3 = 42cm

33)80 ÷ 10 = 8

   8 x 8 = 64cm2

34) $24 \div 6 = 4$

    $4 \times 6 = 24$

    $24 + 24 = 48$

35) $59.40 - 5.40 = 54.00$

    $54 \div 3 = 3u \rightarrow 54$

    $1u \rightarrow \$18$

36) a) $4028 + 68 = 4096$

    $6000 - 4096 = 1904$

    b) $4028 \div 4 = 1007$

37) a) $42 \div 7 = \$6$

    b) $80 - 35 = 45$

    $45 \div 3 = \$15$

38) a) $9 \times 9 = 81cm$

    b) $6 \times 3 = 18$

    $9 \times 4 = 36$

    $36 + 18 = 54cm$

39) a) $8 \times 5 = 40$

    $40 + 5 = \$45$

    b) $90 \div 5 = 18$

    $18 \div 8 = 2$

    $18 + 2 = 20$

40) a) $414 \div 9 = 46$

    $46 \times 6 = 276$

    b) 138