දෙවන පරීක්ෂණය - 2017 SECOND Term Test – 2017	06 ශ්‍රේණිය Grade 06

ගණිතය I,II Mathematics I.II	පැය දෙකයි Two Hours

Part II

Answer five questions only

(01)   A man sold   of his land, and gave   to his son and   to his daughter.

    i.   Fill in the blanks using suitable values

      a. Son's portion   =

                            (2x 2- 4 marks)

      b. Daughter's portion   =

   ii.   Add the following fractions.

         +   =

                            (3 Marks)

   iii.   Compare the fractions that he gave to daughter and son using $>, <, =$ symbols.   (2 Marks)

   iv.   The distance from town to the land is 600m. If he walks   of the distance and travels the

       remaining distance by bicycle. Write the distance he walks in meters.   (3 Marks)

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(02) i.   Write the next term of the following patterns.

        a.   8, 10, 12, …….

        b.   11, 22, 33, …
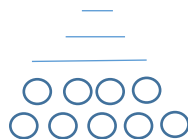
        c.   10, 15, 21, 28, ……….

                          (1x 3= 3 marks)

   ii.   Write three composite numbers between 10 and 25.   (3 marks)

   iii. Complete the following triangular number pattern

iv.   Identify the relationship and fill in the blanks.
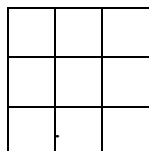
1 x 1 = 1

2 x….= 4

3 x 3 = 9

… x …= 16   (1x 3 = 3 marks)
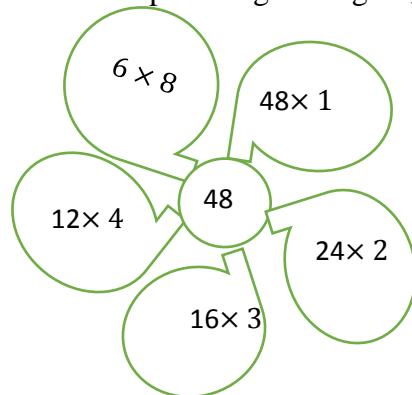
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(03)   i. Fill in the blanks.
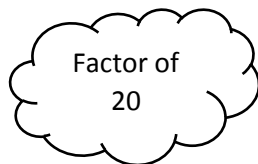
                                                     (1x 3 = 3 Marks)

ii. Consider the relationship in the given figure, Write three factors of 48.

iii. Match the factors of given numbers.

Factor of 20

1
2
3
4
5
2   9

Factors of 9

iv. Select and write the square number from above numbers.

(3 marks)

(04)   i. 2345003401, separate in to periods and express it in word form.

(2 marks)

ii. Write two negative integers between – 3 and + 3

(2 marks)

iii.

    a. 3452718004, circle the numbers in million period.   (1 marks)

    b. What is the value denoted by 8 in the above number?

iv. Represent the following number on an abacus.

    63041   (3 marks)

v.   Fill in the blanks using suitable values.
          I   -3 < ….. (-4 , -2)
          II   3 > ….. (2, 4)

(2 marks)

(05)   i. a. Express each of the following lengths given in millimeters in terms of centimeters.
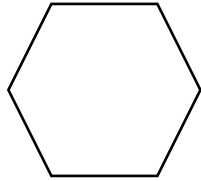
    40 mm = …………

    70 mm = ………….

(2 marks)

    b. Express the following length given in centimeters in terms of millimeters.

        9 cm = ………………..   (1 marks)

ii.

In the given figure all the sides are equal in length. If the perimeter is 30 cm, find the length of a side.

(3 marks)

iii. The length of a rectangle is twice of its breadth, if the breadth is 6 cm find,

      a. the length   (1 marks)
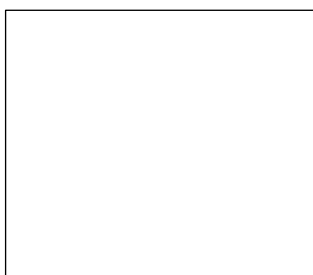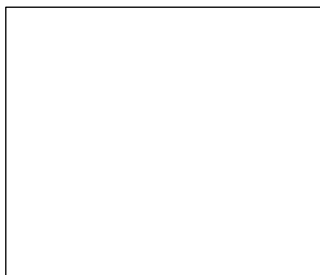
      b. the perimeter   (2 marks)

iv. Simplify

m	cm
3	90
+ 5	43

(3 marks)

(06)   i. Write the sub direction and opposite direction between north and east.

(3 marks)

ii. Separate the following items in to two groups and give names according to

    their features.

        Mango, Apple, Cabbage, Carrot, Beans pineapple
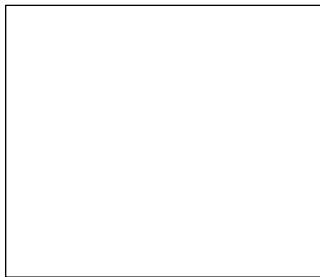
(1 ½ x 2 = 3 marks)

4

iii. Fill in the blanks.

1250 ml = ………. l ……………..ml

2 l = …………..ml (3 marks)

iv.Separate the following numbers in to three groups.

3, 4, 5, 6, 8 , 9

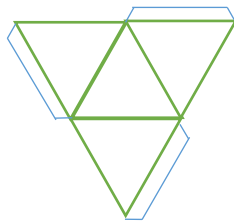|		

Prime numbers   Composite numbers   Square numbers

(3 marks)
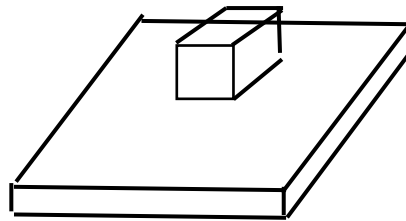
(07)

a. The diagram shows a block of a solid. What is the name of it?   (3 Marks)

b. Write the number of faces in it
                                                        (1 marks)

ii.

The picture shown here is a cubical shaped box placed on a table. In a box,
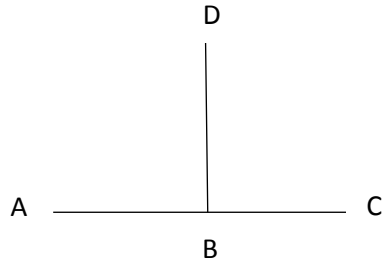
a. Write the shape of a face?

b. How many faces are there?

c. How many vertical faces are there?

d. How many horizontal faces are there?

(4 marks)

iii.

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              D
              |
              |
              |
              |
              |
A  _____|_____  C
              B
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   a.   What is the relationship between the distance of A to B and B to C ?

   b.   What is the relationship between the distance of A to B and B to D ?

(1 ½ x 2 = 3 marks)

v.   Nimal says that 'The earth is moving around the sun in a circular path.' Is this statement true or false ? Give reasons for your answer.