Part – I

Answer all the question in this paper

01. Name two points on the circle.

E

A

B

D F

C

_____
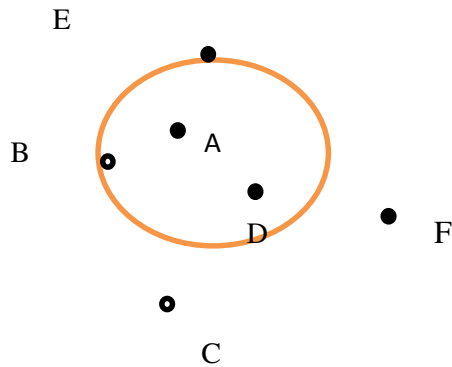
02. Express 3.45 p.m. in standard form _____

03. Sukith said that, when the number of students in his class was rounded off to the nearest multiple of 10, the value obtained was 40.

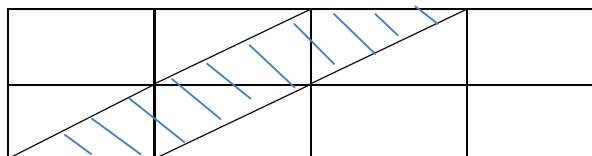(i) What is the least number of students that can be in the class?   ——————————————

(ii)What is the most number of students that can be in the class?   ——————————————

04. Express 3 l 80 ml in milliliters   ——————————————

05. Draw the next triangular formation in the cage and write the number represented by it in the blank.

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06.Write down the coloured quantity as a fraction.

07.Circle the numbers which are divisible by 2 without remainder from following numbers.

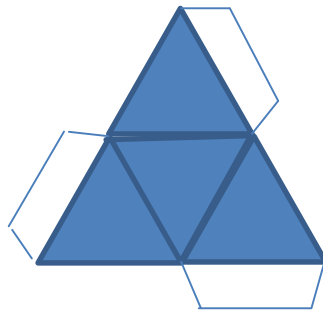253   88   73   125   310

_____

08. Write two ratios equivalent to 4:5

    *---------------------------------

    *---------------------------------

09.A solid can be made using following net figure.

(1) Write the name of the solid   -------------------------------------

(2) Write the number of vertices of it   -------------------------

_____

10. Mark two positive integers between (-3) and (+4) on given number line

    -5   -4   -3   -2   -1   0   +1   +2   +3 +4   +5

_____
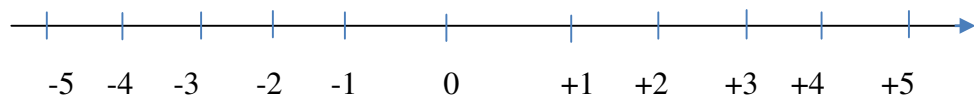
11. Find the value of x + 6, when x = 5

_____

12.By taking the area of each small square as 1 cm^2, find the area of the shaded part.
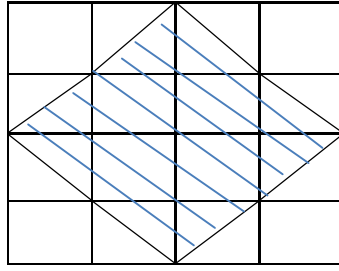
13.Rewrite following fractions in ascending order

$$\frac{3}{4} \qquad \frac{3}{6} \qquad \frac{3}{2}$$

14.There are two rods of the same type of length 2m 75cm and 1m 8cm respectively. A new rod is made by soldering these two rods. Find the new length of the rod .

15.There are 5 parallel classes in grade 6 in a certain school. Find the total number of students in grade 6, if there are 36 students in one class.

16.Simplify

$$\frac{1}{2} + \frac{3}{8} =$$

17.   Fill in the blanks using suitable numbers.
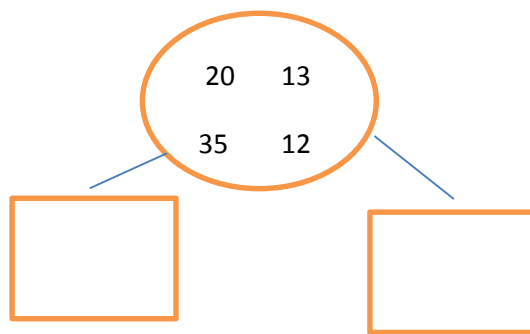
Factors of 12   - 1, 2,……,….. 6 and 12

18.   Amith took 1 hour and 35 minutes to go to the town from his home and he

took another 1 hour and 48 minutes to return home from the town. How

much time did he spend for the total journey ?

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(19) .

20   13

35   12

(1) Separate given numbers in to

two   man group and write them in given cages

(2)   Write suitable name for the

groups in the blanks.

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20. What is the number pattern of the number which can be obtained by

getting the sum of odd numbers between 0 and 6 ? which term that
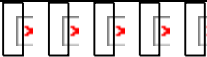
number is in above number pattern?

Part II

Answer 5 question <u>including first question</u>

(01)   a.   Students in a certain school are given a task to collect information about the number of trees in the school premises by their maths teacher. Following table is prepared according to the information collected by them.

Type of tree	Tally marks	Number of trees
Margosa	//// //// /	…………
Coconut	…………	8
Teak	////	…………
Mango	…………	10
Wood apple	//// //	7

I.   Complete the table   (04 Marks)

II.   Which type of the tree is in the school premises most?   (01 Marks)

(b) Following table shows a picture graph drawn to represent the above information.

Margosa	
Coconut	
Teak	
Mango	🌳 🌳 🌳 🌳 🌳
Wood apple	

I. How many trees are denoted by the symbol 🌳 in this graph ?(01 mark)

II.   Complete the picture graph   (04Marks)

(C) The number of flowers sold at a certain flower stall on a certain day, is represented in the picture graph.

White Lotus	🔵 🔵 🔵 🔵 🔵 🔵 ◖
Red Lotus	🔵 🔵 🔵 🔵 🔵 🔵 ◖
Water lily	🔵 🔵 ◖
Blue Lotus	🔵 🔵 🔵 ◖
Sal	🔵 🔵 🔵 🔵 🔵 🔵 🔵

4 Flowers are represented by the symbol

(i)   Write the number of white Lotus which are sold on that day   (02 Marks)
(ii)   How many red Lotus flowers are sold than blue lotus ?   (02 Marks)
(iii)   If a Sal flower sold at 30 rupees , find the total money received by selling all
        the Sal flowers
        (02 Marks)

                                                                              (16 Marks)

(02). Following numbers are arranged by a certain group of students in grade 6.

Sachini		258 365
Chamal		4 360 500
Manujith		
Dulani		35 965
Sapumal		

(i)   The number in Manujith's card is three million six thousand eighty. Write it in
        standard from in the Manujith's card.   (03 Marks)
(ii)   The number in Sapumal's card is the highest number can be written in units
        period . write that number in Sapumal's card.   (02 Marks)
(iii)   Find the sum of the numbers in Chamal's card and Sachini's card.   (02 Marks)
(iv)   What is the difference between the numbers in Sachini's card and Dulani's card ?
                                                                              (02 Marks)
(v)   In Dulani's number card,
        (a) Write the value represented by the digit 9…………………………………………..
        (b) Write the place value of digit 9 ……………………………………………………
                                                                              (02Marks)

(03)   (a) Following quantities are contained in a certain parcel.

                        Sugar   - 2 kg
                        Flour   - 1 Kg   750 g
                        Rice   - 3 kg   500 g

(i) Name two instrument of measuring mass

----------------------------------- (02 Marks)

(ii) Write the mass of the flour in grams in this parcel. (01 Marks)

(iii)   Find the total mass of the parcel (02 Marks)

(b)

1 l 500 ml	4 l	850 ml
Orange juice	Sugar and water	Mango juice

A Fruit drink is made by mixing above liquids quantities

(i)   Find the ratio of amount of Orange juice to amount of Mango juice

-- (02 Marks)

(ii)   If 150 ml of a salt solution is added to the mixture to make tasty, find the total amount of the fruit drink now.

(02 Marks)

(iii)   If this fruit drink is stored in a refrigerator by pouring in to bottles size in 500ml , find the number of bottles can be filled ?

(02 Marks)

(04)   (i) Write down 2x2x2x2x2 using index notation (02 Marks)

1. Select the largest power from 2^3 and 2^2 (03 Marks)

2. Write down 81 as a power of three

(02 Marks)

3. Write the number in index notation which is with 5 as the base and 2 as the index , and find it's value.

(02 Marks)

4. Find the value of 2^3 x 5^3

(02 Marks)
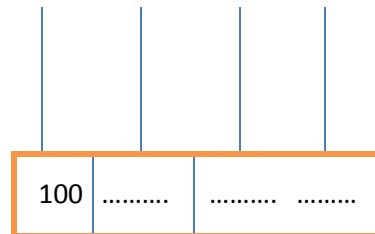
(05) (a) (i) Write 25.73 in words   (02 Marks)

(ii) What is the value represented by the digit 3 of above number and write its place value

(02 Marks)

(iii) Represent 25.73 on the given abacus

| 100 | .... | .... | .... |

(b) The heights of few students in grade 6 are as follows

| Sakuni | Naduni | Sajini | Ruvini |

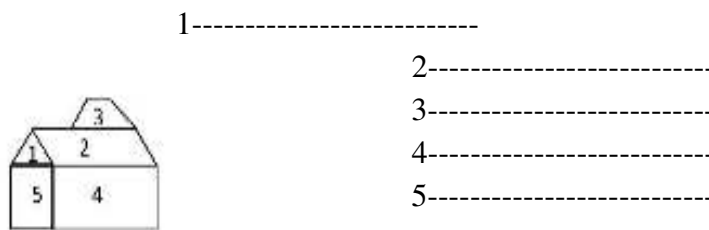| 1.5m | 170 cm | 1.2m | 0.85m |

(i)   Write height of above students in ascending order   (02 Marks)

(ii)   Find the difference between student who have highest height and least height

(03 Marks)

b.   . (a) Name the plane figure denoted by the number in given figure.
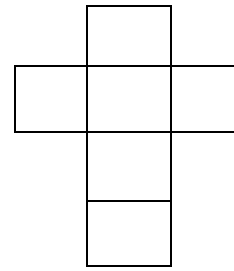

1--------------------------
2--------------------------
3--------------------------
4--------------------------
5--------------------------   (05 Marks)

(b) (i) Name the solid which can be made by using following   (01 Marks)

(ii) Find its,
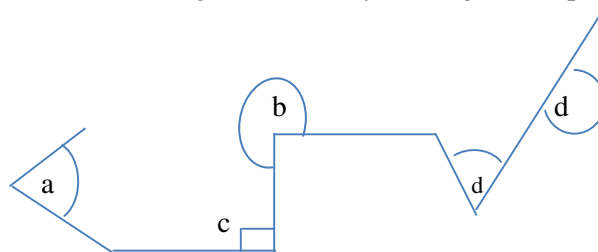   a) Number of edges
   b) Number of vertices
   c) Number of edges

(03 Marks)

(iii) Draw an another net figure can be used to make above solid.

(02 Marks)

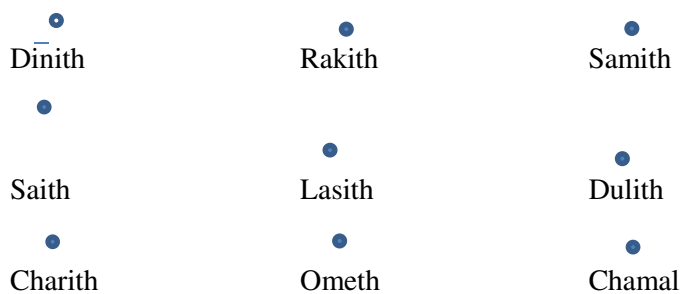c. (a) Name the angles denoted by the English simple letters in following figure

b

d

a

d

c

(a) ……………………….

(b) ……………………….

©……………………….(d) . ……………………….. …(e) …………………….

(b) A group of student is placed as follows for a certain game.

Dinith   Rakith   Samith

Saith   Lasith   Dulith

Charith   Ometh   Chamal

Fill in the blanks according to the diagram   (06 Marks)

(i)   …………….is to the north of Lasith and is to the South of ………

(ii)   When Charith is going towards the east direction, he meets ………....and…..........

(iii)   If Lasith turn towards to Ometh, …………………is in his right side and …………..is in his left side