STD VII BIOLOGY

1. Draw a labelled structure of neuron.

2. Differentiate between meristematic and permanent tissue.

3. Name different types of animal tissue.

4. State three differences between xylem and phloem.

5. Write the functions of parenchyma and sclerenchyma.

Std VII   CHEMISTRY
1. Define matter. What are the states of matter?
2. Write four properties of each solids, liquids and gases.
3. Explain the Molecular arrangement of particles in solids, liquids and gases.
4. What are porous solid? Give two examples of it.
5. Compare solids, liquids and gases on the following properties: a. Volume b. Shape c. Texture.

Std.7 , Computer

Copy to be used: BOTH SIDE RULE

Q1. Read Unit-1 of chapter 1 i.e. Components of a Computer System thoroughly.

Q2. What is a computer system? Mention the various primary functions of a computer system?

Q3. Differentiate between Hardware and Software?

Q4. What is a System Software? How is it different from an Application software?

Q5. Draw and Write about the various parts of a Computer System?

Q6. Write short notes on:
    a. RAM
    b. Compact disk
    c. Hard disk
    d. Modem and its types.

STD 7   ENGLISH LANGUAGE

Write essay on the following topics (200-250 words).

1. Picnic with your friends
2. Global warming

Write letters on the following topics:
1. Write a letter to your friend sharing your views on social media.
2. Write a letter to the Editor showing your concern about careless attitude of public during lockdown.

NOTE: Students should write on golden eagle paper (practical paper) and submit in a file.

STD 7

GEOGRAPHY

1. Find out the different types of maps and write their uses.

2. Make a chart on 10 conventional symbols,use appropriate colours.

3. Why is the trapping of carbon dioxide also called the greenhouse effect ?

4. Why do aeroplanes fly in the stratosphere ?

5. What is global warming ? What are some ways to prevent it ?

HISTORY

1. What are some common points to Christianity and Islam ?
2. What reasons according to you, led to the spread of Christianity ?
3. What is the importance of religion in the lives of human beings ?
4. What reasons led to the rise and spread of Islam ?
5. Write short notes on the lives of
   a. Jesus
   b. Prophet Muhammad

Points to remember .

Read and understand the experiment.

In the Maths Practical Copy write down AIM, MATERIAL REQUIRED , METHODOLOGY , TABULAR COLUMN and CONCLUSION on the ruled page. DIAGRAM and CALCULATION on the plane page.

Follow the PROCEDURE properly to get the correct conclusion.

MATHS PRACTICAL COPY must be a soft cover Lab copy with atleast 50 to 60 pages.

EXPERIMENT NO. 1

AIM: To compare the area of a rectangle and a parallelogram having constant perimeter and same base.

MATERIAL REQUIRED :1)Plastic straw 2) Ruler   3)pencil

METHODLOGY:

 Area of a rectangle=length x breadth

 Area of a parallelogram=base x height

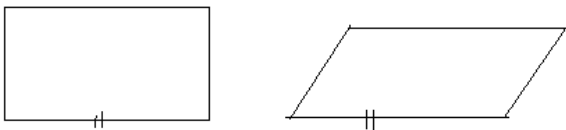**PROCEDURE**: Follow all the steps below in order.

Step 1. Fold the plastic straw , so that it forms a rectangle.

Step 2. Place the rectangle on a sheet of paper and mark its vertices.

Step 3. Join the points by using ruler and pencil.

Step 4. Measure its dimensions and calculate the area.

Step 5.Push the breadth of the above rectangle towards one side so that a parallelogram is formed with same base as shown in the fig.

Step 6. Place the parallelogram on a sheet of paper and mark its vertices.

 Step 7.Join the points by using ruler and pencil.

Step 8. Measure its base and height and calculate the area.

OBSERVATION TABLE AND CALCULATION:

 Perimeter= length of the straw=------

Name of the fig.	Dimensions	Area
Rectangle	Length=------- , breadth=------	
Parallelogram	Base=------- , height=-----	

CONCLUSION

For a constant perimeter and a same base ,area of a rectangle is ---------(greater / less) than the area of parallelogram.

CLASS- VII (PHYSICAL QUANTITIES AND MEASURMENT)

A) VOLUME- The volume of an object is the amount of space it occupies.

   For regular solid bodies- volume= length × breadth × height.

B) Capacity:- The space available in a container is called its capacity.

C) Different units of volume:-

   i) $1 \text{ m}^3 = 10^6 \text{ cm}^3$

   ii) $1 \text{ m}^3 = 10^3 \text{ dm}^3$

   iii) $1 \text{ dm}^3 = 10^3 \text{ cm}^3$

   iv) $1 \text{ cm}^3 = 10^3 \text{ mm}^3$

D) Area :- Surface area is defined as the measure of the surface of an object.

   Area is expressed as the product of two lengths (length × length)

Units:- Small units:- cm^2 , mm^2 etc

   Large units:- are and hectare.

E)   Some conversion of units :-

   i) $1 \text{m}^2 = 10000 \text{ cm}^2$

   ii) $1 \text{ cm}^2 = 100 \text{ mm}^2$

   iii) $1 \text{are} = 100 \text{ m}^2$

   iv) $1 \text{ hectare} = 100 \text{ are} = 10000 \text{ m}^2$

F) For irregular polygons the most accurate way to complete the area is to partition the shape into triangles, then add up the areas of those smaller triangles.

G) Density:- Density is defined as the ratio of the mass of the body to its volume.

   Units:- c.g.s – g/cm^3

   S.I – kg/m^3

H) Speed:- It is defined as the distance covered per unit time.

   Units:- C.g.s – cm/sec

   S.I – m/s

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ASSIGNMENT

Exercise question A

</div>

Std - 7

प्रश्न 1 - गाता खग 'कविता सुंदर अक्षरों में लिखें। इस पाठ का
शब्दार्थ भी लिखें।

प्रश्न 2 - विशेषण किसे कहते हैं? भेदों के नाम उदाहरण सहित लिखें।