



# SHANTINIKETAN JUBILEE SCHOOL

**Affiliated to CBSE, New Delhi**

**Summer Vacation Hoilday Homework - 2023-24**

**CLASS :- IX**

## {Mathematics}

1. Co-ordinate Geometry
2. Linear eqn, in two variable
3. Triangle                      Note : Do all the excercise.

## {English}

1. Write a Sonnet 14 lines poetry by yourself.
2. Make a list of American, British and Indian poets on a card board.
3. Make a chart of determiners on a card board.

## {Science (Physics)}

1. Do fair and learn chapter - Motion.
2. Derive equations of Motion Mathematically and Graphically.

## (Chemistry)

1. The particles of matter have space between term show it by an activity.
2. Boiling is bulk phenomenon ? Why ?
3. Define the following : Boiling point, Sublimation, latent heat.
4. Write short note on - Plasma and B.E.C.
5. What are the causes of evaporation ?
6. Write the characteristics of the particles of matter ?
7. Write the reasons - A gas exert pressure on the walls of container ?
8. Suggest a method to liquefy atmospheric gases (only diagram)

## (Biology)

1. Why is the cell called the structural and functional unit of life ?
2. How do substances like  $\text{CO}_2$  and  $\text{O}_2$  move in and out of the cells ? Discuss.
3. Why is the plasma membrane called a selectively permeable membrane ?
4. Draw a well labelled differentiative diagram of plant cell & animal cell. on chart paper.
5. What would happen if the plasma membrane ruptures or breaks down ?

## {Social Science (History)}

1. Draw political symbols and explain in brief.
2. Write French Society of states during 18<sup>th</sup> century.
3. Write political system of Constitution in 1791.

## (Civics)

1. Revise Chapter 1. What is Democracy ? Why Democracy
2. Prepare merits and demerits of Democracy.

## (Economics)

1. Revise Chapter1. The Story of Village Palampur.
2. Prepare a list of modern inputs of agriculture.

(Geography)

1. On an outline map of India , show the following :  
(a) Chapter 1 , Map Skills, Page no. 6 (b) Chapter 2 , Map Skills, Page no. 15

{SANSKRIT}

1. संस्कृत साहित्य – पाठ प्रथम से तृतीय पर्यन्त सम्पूर्ण प्रश्नोत्तर उत्तरपुस्तिका में लिखें।
2. व्याकरण – पठित उपपद एवं नदी पितृ, अस्मद्, युष्मद् सर्वनाम् रूप भाव करें।

{HINDI}

क्षितिज – पाठ 1,2 काव्य प्रश्नोत्तर बनाए।

पाठ 1,2 गद्य खण्ड प्रश्नोत्तर बनाए।

कृतिका – पाठ 1 प्रश्नोत्तर बनाए।

व्याकरण – शब्द निर्माण – (क) उपसर्ग (ख) प्रत्यय (ग) समास  
परिभाषा एवं उदाहरण।

लेखन – विज्ञापन – (क) मिंट चाय के लिए (ख) सनसिल्क शैम्पू के लिए ष