



**INDORAMA PUBLIC SCHOOL, JAGDISHPUR**  
**SUMMER HOLIDAY HOME WORK**  
**CLASS 11B SESSION**  
**2026-27**

Dear Students, These assignments as Holiday homework (HHW) prevents learning loss during breaks, reinforces classroom concepts, and builds crucial skills like independent study and time management. It helps students balance fun and academics, allowing them to return to school confident, organized, and prepared for the new term.

**HAPPY HOLIDAYS**

**CLASS TEACHER- Purvesh Kumar (11B)**



# INDORAMA PUBLIC SCHOOL

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Industrial Area Indorama Township , Kamrouli, Jagdishpur UP-227817

Dear Parents,

Warm greetings from IRPS Family!

We trust this letter finds you and your family in good health. As the summer break nears, we're delighted to share that our dedicated team, under the guidance of the Principal, has curated summer activities for your child.

These activities /assignments, covering all subjects, aim to keep your child engaged in learning and prepare them for the upcoming academic year. They offer opportunities for exploration, skill development, and maintaining a learning routine during the break.

Your support in ensuring your child completes and submits **these activities to be done by your child with your support to the respective class teacher on the first week of July of school reopening after the break** is i.e. **1<sup>st</sup> July to 6<sup>th</sup> July 2026** will be greatly appreciated. It will contribute to a positive start to the academic year and reinforce the knowledge acquired during the break.

For any queries or concerns, please reach out to the class teachers.

Thank you for your ongoing support and involvement in your child's education. We eagerly anticipate a productive and successful academic year ahead.

Educationally

yours,

Dr R K Dwivedi

Principal &

Team IRPS

Team

## Holiday Homework

### Chemistry – Class XI

#### Chapter: Some Basic Concepts of Chemistry

Students are instructed to prepare neat notes of all important topics in their chemistry notebook. Solve numerical problems based on mole concept, molarity, limiting reagent, and percentage yield. Practice conversion of mass into moles and moles into number of particles using Avogadro's number. Write and learn important laws such as the Law of Conservation of Mass, Law of Constant Proportions, and Gay-Lussac's Law. Prepare a chart showing SI units and significant figures with examples.

#### Chapter: Periodic Classification and Periodicity in Properties

Students are required to draw and label the modern periodic table neatly in their notebook and mark different groups and periods. Prepare short notes on alkali metals, alkaline earth metals, halogens, and noble gases. Compare the properties of elements across periods and down the groups. Practice questions related to trends in atomic size, metallic character, and ionization energy.

#### Instructions:

**Complete all work in a neat and systematic manner. Use separate headings and subheadings for each topic.**

**Revise all NCERT examples and exercises.**

**Submit the holiday homework after summer vacation.**

## Holiday Homework Physics

### – Class XI

1. Solve all the examples and practice questions of the class notes.
2. Solve the NCERT example and exercise questions of Ch-1 & Ch-2
3. Do the given worksheet(s)
4. Learn and revise for PT-1

## BIOLOGY – Class XI

### Summer Holiday Homework

#### Class XI Biology (CBSE) Chapters: Biological Classification & Plant Kingdom

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#### Learning Objectives

By completing this holiday homework, students will:

- Understand the diversity of living organisms.
- Explore characteristics of Monera, Protista, Fungi, Plantae, and Viruses.
- Develop observation, research, creativity, and presentation skills.
- Relate Biology with daily life and the environment.
- Improve scientific thinking through activities and projects.

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#### Instructions for Students

1. Use an A4 scrapbook/file for all written work.
  2. Maintain neatness and creativity.
  3. Draw labelled diagrams wherever required.
  4. Include photographs/drawings of activities performed.
  5. Submit the work after summer vacation-1<sup>st</sup> July '26
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## 1. 15-Day Activity-Based Homework Plan

Day	Topic	Activity
Day 1	Introduction to Biological Classification	Prepare a colourful chart showing the <b>Five Kingdom Classification</b> proposed by R. H. Whittaker.
Day 3	Protista	Prepare a mini-project on <b>Protozoans and Algae</b> with examples and labelled sketches.
Day 5	Useful Bacteria	Collect pictures of 5 useful bacteria and write their role in daily life, agriculture, or medicine.
Day 7	Virus & Viroids	Design a poster on “How Viruses Affect Human Life”. Include prevention methods and examples of viral diseases.
Day 9	Lichens	Make a chart explaining <b>symbiotic association in lichens</b> using diagrams and examples
Day 11	Plant Kingdom Overview	Prepare a concept map of the <b>Plant Kingdom</b> showing major groups.
Day 13	Gymnosperms	Prepare a 3D model or drawing of a pine cone/cycas plant using waste materials.

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## 2. Eco-Research Activity

Prepare a short report (1–2 pages) on:

### “Importance of Plant Diversity in Maintaining Ecological Balance”

Include:

- Introduction
- Importance
- Threats to biodiversity
- Conservation measures

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## Assessment Criteria

Criteria	Marks
Creativity & Presentation	5
Accuracy of Content	5
Completion of Activities	5
Diagrams & Labelling	5
Overall Neatness	5
<b>Total Marks:</b>	<b>25</b>

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1. Happy Learning & Happy Holidays! 🌿🔬

## Holiday Homework

### Physical Education – Class XI

Q1. Write short notes on the following topics-

Olympic Symbols- Moto, Flag, Oath and Anthem.

Q2. Write differentiate between Ancient and Modern Olympics in details.

## **Holiday Homework**

### **Hindustani Vocal– Class XI**

1. Students are instructed to practice the prescribed Sur and Taal regularly at home.
2. Continuous practice and revision of the syllabus taught in class are advised.

## **Holiday Homework**

### **Fine Art(Painting)– Class XI**

1. Students are instructed to practice the following regularly during the summer vacation:
  - Still Life
  - Object Study
  - Simple Sketching
  - Nature Drawing
  - Poster Making
  - Still Life in Colours
2. Maintain neatness and regular practice to improve drawing and colouring skills.

## **Holiday Homework**

### **CS– Class XI**

Particulars

Do questions of Type B & C from textbook of chapters 6 & 7.

### **Holiday Homework**

## **English– Class XI**

### **Holiday Homework – Class XI (English)**

1. Write 50 new words with their meanings.
2. Write 10 quotations on various topics.
3. Solve 2 unseen passages (Reading Comprehension) in the English register.
4. Read any one book/novel of your choice and write its review in 100 words.
5. Maintain neat handwriting and complete all work in the English register.