



# LAXMI PRASAD MEMORIAL PUBLIC SCHOOL

Affiliated to CBSE, New Delhi Senior Secondary 10+2 English Medium (Co-Education)

**Gola Bazar-Gorakhpur 273408**

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## SUMMER VACATION HOME WORK (S.V.H.W) 2024-2025

### Class – XII (Maths) A1 / A2

Guardians are requested to help their wards to complete their following given S.V.H.W. sheet in the separate prescribed copy (Practice Copy) of each subject during the holidays. Put initial/signature on the last page of S.V.H.W. sheet and copy as well as submit it at the Re-opening of the school.

Note: The S.V.H.W. response shall be counted in Unit-I.

Name .....Sec.....Roll No..... Date..... Sign. Of Teacher.....

### [ Subject – English ]

#### Learning :

1. Comprehend all the questions and answers of Ch – 1 and 2 in Prose of Flamingo and Vistas.
2. Learn questions/answers with poetic device. Ch – 1 in Poetry
3. Learn the Summary of All the Chapters Taught.

#### Written :

1. Write Important Words and Phrases from Textbook in PC.
2. Write 5 Notices and 3 Letter to the Editor, 2 job application in PC.
3. Draft 5 Invitations in PC.
4. Make Notes on Figures of Speech in PC.

#### Activity:

1. Prepare a File Containing the Life Story of Kamala Das, Alphonse Daudet, Anees Jung tack Finney.

#### Project :

1. Prepare Chart Paper Depicting the Pitiab Condition of Poors in the Story of Lost Spring.

#### S.S.H.W:

1. Taking help from The Tiger king and other Sources Prepare a Time Line for Our National Animal Tiger Since 1940 to Present.

### [ Subject – Hindi ]

#### मौखिक कार्य:

#### (Oral)

- (गद्य खंड) 1. भक्ति एवं बाजार दर्शन नामक पाठ के सभी प्रश्नोत्तर याद करें।  
(काव्य खंड) 2. आत्म परिचय एवं पतंग नामक पाठ के सभी प्रश्नोत्तर याद करें।

#### लिखित कार्य:

#### Written

#### Work:

- (गद्य) 1. भक्ति एवं बाजार दर्शन नामक पाठ में आए हुए सभी प्रश्नों के उत्तर लिखिए।  
(काव्य) 2. आत्म परिचय एवं पतंग नामक पाठ के सभी प्रश्नों के उत्तर लिखिए।

#### रचनात्मक कार्य:

#### (Activity):

1. सिल्वर वैडिंग नामक पाठ के आधार पर यशोधर बाबू की चारित्रिक विशेषताओं पर प्रकाश डालिए।

#### परियोजना कार्य:

#### (Project

#### Work):

1. डॉ० हरिवंश राय 'बच्चन' का सचित्र जीवन परिचय तथा प्रमुख रचनाएँ लिखिए।

#### स्वयं शोध गृह

#### कार्य:

#### (S.S.H.W):

1. ग्लोबल वार्मिंग।
2. भ्रूण हत्या एक सामाजिक अपराध।
3. मोबाईल फोन का युवा पीढ़ी पर प्रभाव।

**[ Subject – Mathematics ]****Learning:**

1. Learn all formulae of matrix and determinants.
2. Learn all formulae of inverse trigonometric functions.
3. Learn all conditions of equivalence and Cartesian product.

**Written:**

1. Solve Ex. Of matrices and determinant from side book, according to new CBSE syllabus.
2. Solve all exercise of NCERT from Ch-1, 2, 3, 4.

**Activity:**

1. Prepare model of 3-D Geometry.
2. Prepare model of relation and function.

**Project:**

1. Make a chart for formula of ITF. ( Inverse Trigonometric Functions)
2. Make a chart for formulae of differentiation.
3. Make a chart for formulae of Integration.

**S.S.H.W:**

1. Write biography of any two Indian mathematicians and paste their photographs.

**[ Subject – Physics ]****Learning:**

1. Learn Properties of Charge.
2. Learn Properties of Electric field Lines.
3. Learn concept of Equipotential Surface.
4. Learn the concept of Gauss Theorem.
5. Learn the concept of Potential Energy.

**Written:**

1. Derive Electric Field Intensity Due to Uniformly Charged Rod Of (Finite Size)
2. Find the expression for Electric Potential Energy for Two Charge System.
3. Find electric field Due to Conducting Charged Spherical Body Outside and inside region (Use Gauss Theorem)
4. Do Exercise 1 and 2 from NCERT.

**Project:** Investigatory project based on topic:-

1. AC generator.
2. Electromagnetic Wave.
3. Prism (Relate angle of deviation and angle of incidence)

**Activity:**

1. Ohms Law (Draw Graph B/W and I )
2. Meter Bridge (To find resistance Unknown wire)

**[ Subject – Chemistry ]****Learning:**

1. Learn all the concentration terms and their formula.
2. Learn all the colligative property from the chapter ‘ Solution’
3. Learn all the concept of electro chemistry.

**Written:**

1. Solve NCERT exercise of solution chapter from 1.1 to 1.25
2. What is faraday law of electrolysis? Explain both laws.
3. Write working principle of primary battery.

**Project:**

1. Prepare a chart on working function of Daniell cell.

**Activity:**

1. Identify the electrode in normal cell battery and write its uses.

**S.S.H.W:**

1. Write about secondary Battery and their uses.

**Learning:**

1. Learn unit – 1 and 2 from part - (A)
2. Learn unit – 1 from part - (B)

**Written:**

1. Do all the exercises of unit – 1 & 2 from part – (A)
2. Do all the exercise of unit – 1 from part – (B)

**Activity:**

1. Describe about different types of personality disorders. **(In chart paper)**

**Project:**

1. Write all the SQL commands & describe its uses **(In file)**

**S.S.H.W:**

1. Describe about “Railway Reservation System”. Describe how individual modules work. Show how data inputted and the process of getting the result.

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| <b>NOTICE</b><br><b>22-05-2024</b> |
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1. **The classes will remain ceased for summer vacation from 24<sup>th</sup> May to 22<sup>nd</sup> June 2024.**
2. **Office will remain opened during the holidays to facilitate the Guardian for Admission, Fee deposition and other Official Inquiries.**
3. **Administrative / Academic activities will begin from 18<sup>th</sup> of June onwards.**
4. **Classes will resume from 24<sup>th</sup> of June 2024.**
5. **The students who come by school bus will wait for their bus at their respective stoppage fifteen minutes delay in its usual time.**

**Guardian’s Signature**

**By Order**  
**Principal**