



SACRED HEART SCHOOL

(Affiliated to CBSE, New Delhi, up to +2 Level)

HOLIDAY HOMEWORK (2026-27)

CLASS:- X

Subject:- Hindi(For The Section of A,B and C Students)

संदर्भ में व्याख्या और चरित्र विश्लेषण

परिस्थिति: परशुराम क्रोध में कहते हैं -

"बाल ब्रह्मचारी अति कोही, बिस्व बिदित छत्रियकुल द्रोही।"

इस पर लक्ष्मण व्यंग्य से उत्तर देते हैं -

"बहु धनुहीं तोरी लरिकाई, कबहुँ न असि रिस कीन्हि गोसाईं।"

प्रश्न 1: लक्ष्मण और परशुराम की बातचीत की शैली में क्या अंतर है? लक्ष्मण के उत्तर से उनके स्वभाव की कौन-सी दो विशेषताएँ पता चलती हैं? क्या लक्ष्मण का तरीका उचित था? पाठ के आधार पर तर्क सहित 60-80 शब्दों में उत्तर दो।

मूल्य बोध और जीवन से संबंध

परिस्थिति: आजकल सोशल मीडिया पर बहस के दौरान लोग अक्सर परशुराम की तरह तुरंत गुस्सा हो जाते हैं और बिना पूरी बात जाने सामने वाले को दोषी मान लेते हैं, जबकि कुछ लोग लक्ष्मण की तरह व्यंग्य और तर्क से जवाब देते हैं।

प्रश्न 2: 'राम-लक्ष्मण-परशुराम संवाद' से हमें विवाद सुलझाने के बारे में क्या सीख मिलती है? राम के व्यवहार को आधार बनाकर बताओ कि गुस्से की स्थिति में एक समझदार व्यक्ति को कैसे प्रतिक्रिया देनी चाहिए?

प्रश्न 3 "नेताजी का चश्मा" पाठ में कैप्टन द्वारा नेताजी की मूर्ति पर बार-बार नया चश्मा लगाना केवल एक सामान्य कार्य नहीं था, बल्कि उसके भीतर देशभक्ति और सम्मान की भावना छिपी थी।

यदि आपके विद्यालय या मोहल्ले में किसी महान व्यक्ति की प्रतिमा की उपेक्षा हो रही हो, तो आप उसे सम्मान देने के लिए क्या-क्या कदम उठाएंगे? बताइए कि इससे समाज पर क्या प्रभाव पड़ेगा।

Hindi(For The Section of D Students)

Q1.) भ्रमर गीत की महत्ता पर प्रकाश डालें। गोपियों ने अपने वाक्-चातुर्य से ज्ञानी उद्धव को परास्त कर दिया, गोपियों के वाक्-चातुर्य के तीन उदाहरण दें।

Sanskrit

Q1.) महाकवि कालिदासस्य विषये पंच वाक्यानि लिख। स्व विद्यालयस्य वर्णन कुरु। चाणक्य नीति ग्रंथात् पंच श्लोक लिख।

English

1. Reading & Writing Skills

Book Review*: Read any 1 fiction/non-fiction book not in the syllabus. Write 150-200 words: plot, favourite character, why you'd recommend it.

Good picks: _The Alchemist_, _Wings of Fire_, _Wonder_, _Malala's Story_

Diary Entry: 5 entries based on prompts: "A day without phone", "The monsoon I'll remember", "When I helped a stranger"

Article Writing: 120-150 words on topics like: "Social Media and Teenagers", "Importance of Mental Health", "Online vs Offline Classes"

2. Grammar + Literature Practice

Tenses/Voice/Narration: Make a 10-page worksheet. Write 5 sentences each, then convert them. Add the answer key.

Chapter-based: For First Flight + Footprints, choose any 2 chapters. Make mind maps + 3 long answers each.

Poetry Analysis: Pick 1 poem from the syllabus. Write poetic devices, theme, summary, and your interpretation in A4 chart form.

3. Creative/Project Work

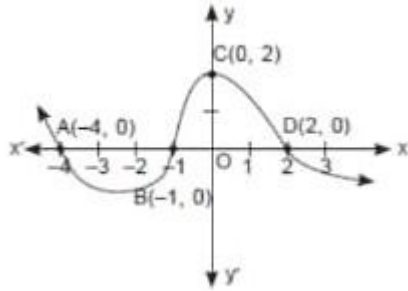
Portfolio: On 1 author from syllabus like Robert Frost. Include bio, works, writing style, 1 poem analysis, pics. 8-10 pages.

Newspaper Activity: Cut 5 news reports. Rewrite each in reported speech. Also find 10 new words, write meanings + sentences.

Comic Strip: Convert The Thief's Story or A Triumph of Surgery into comic with dialogues.

Mathematics

1. Graph of $y=f(x)$ is given below. Find the zeroes of $f(x)$.



2. Find a quadratic polynomial whose zeroes are (-9) and $\frac{-1}{9}$.
3. Find the zeroes of the quadratic polynomial $9t^2 - 6t + 1$ and verify the relationship between the zeroes and the coefficients.
4. Two alarm clocks ring their alarms at regular intervals of 50 seconds and 48 seconds. If they first beep together at 12 noon, at what time will they beep again for the first time?
5. Can we have any $n \in \mathbb{N}$, where 7^n ends with the digit zero?
6. Find the largest number that divides 2053 and 967 and leaves a remainder of 5 and 7 respectively.
7. Prove that $3\sqrt{5}$ is irrational.
8. Draw the graphs of the equations $4x - y - 8 = 0$ and $2x - 3y + 6 = 0$
Also, determine the vertices of the triangle formed by the lines and x-axis.
9. The sum of the digits of a two-digit number is 12. The number obtained by interchanging the two digits exceeds the given number by 18. Find the number. (Graphically)
10. Solve for x and y using substitution method:
 $(x + 3y = 7, 6x + 9y = 11)$
11. Solve for x and y using substitution method:
 $(0.4x + 3y = 1.2, 7x - 2y = \frac{17}{6})$
12. α, β are zeroes of the polynomial $x^2 - 6x + a$. Find the value of a , if $3\alpha + 2\beta = 20$.
13. If α and β are the zeroes of the polynomial $x^2 + 6x + 9$, then form a polynomial whose zeroes are $-\alpha, -\beta$.
14. If α, β are zeroes of polynomial $p(x) = 5x^2 + 5x + 1$, then find the value of
(i) $\alpha^2 + \beta^2$
(ii) α^{-1} and β^{-1}

Science

PHYSICS

Q1.)Light exercise question number 1 to 15

Q2.)Find the speed of light in a medium of refractive index 1.5

CHEMISTRY

Q1.complete chemistry practical

a.combination reaction

b.Decomposition reaction

One practical from each group.

Q2. A White substance X is light sensitive ,in the presence of sunlight decomposes to form a grey metal Y.Identify X and Y and write balances chemical equations.

BIOLOGY

Practical copy work

Experiment 1: to prepare a temporary Mount of a leaf peel to show its stomata

Experiment 2: to show experimentally that carbon dioxide is given out during respiration

Experiment 3: to show binary fission in amoeba and budding in yeast

Experiment 4: to identify different parts of an embryo

Social Science

History and Civics

Subject: History

Q1. Creative Timeline Activity

Prepare a colorful timeline on an A4 chart sheet showing important events of the following chapters:

- Rise of Nationalism in Europe
- Nationalism in India

Include:

- Dates
- Important personalities
- Small drawings/pictures
- 1-line significance of each event

Q2. Map Work Practice

On an outline political map of India, locate and label:

Nationalism in India

- Champaran
- Ahmedabad
- Kheda
- Amritsar
- Chauri Chaura
- Dandi

Paste the maps neatly in your notebook.

Q3. Project Work

Topic:“Role of Mahatma Gandhi in India’s Freedom Struggle”

Write a handwritten project (6–8 pages) including:

- Introduction
- Early life
- Major movements led by Gandhi Ji
- Role in mass mobilization
- Conclusion
- Pictures/newspaper cuttings if possible

Q4. Case Study / HOTS Questions

1. How did nationalism change the political map of Europe? Explain with examples.
2. “Nationalism can unite people but may also create conflicts.” Explain with reference to the Balkans.
3. If you were a member of the Frankfurt Parliament, what reforms would you suggest for a united Germany?
4. Why do you think symbols like flags, songs, and allegories were important in nationalist movements?
5. A student says, “Nationalism in Europe was not only political but also cultural.”

Questions:

- Q.) Explain how culture promoted nationalism.
 Q.) What role did language and folk traditions play?
 Q.) How did Romanticism strengthen national feeling

Subject:Civics

1. Constitution Awareness Activity

Prepare a chart on: “Fundamental Rights and Fundamental Duties”

- Mention all Fundamental Rights.
- Explain any 5 Fundamental Duties with pictures/examples.

2. Democratic Institutions Scrapbook

Collect newspaper cuttings related to:

- Elections
- Parliament
- Supreme Court
- Government schemes
- Political parties

Paste them in a scrapbook and write 2–3 lines explaining each news article.

3. Comparative Table Activity

Make a table comparing:

Feature	Democracy	Dictatorship
Elections		
Rights of Citizens		
Media Freedom		
Accountability		

Write at least 5 comparison points.

4. Interview Activity

Interview any elder family member or neighbor on: “How elections have changed over time”

Ask at least 5 questions and write the answers neatly.

5. Subject Enrichment Activity

Make a Power point presentation on any one topic:

- Importance of Voting
- Power Sharing
- Gender Equality
- Role of Political Parties

Use slogans, drawings, and creative presentation.

Holiday Homework Instructions

- Complete all work neatly in separate subject notebooks
- Use blue/black and highlighter pen only.
- Highlight headings with colors.
- Submission date: First week after summer vacation.
- Originality and creativity will be appreciated.

GEOGRAPHY

- Q1. How can the young generation contribute towards resource conservation?
 Q2. What would happen if forests disappeared completely?
 Q3. Can development and conservation go together? Explain.
 Q4. If you were a forest officer, what steps would you take to protect biodiversity?
 Q5. Which is more harmful — hunting of animals or destruction of habitats? Give reasons.
 Q6. “Conservation is not only the duty of the government.” Give your Views .

ECONOMICS

- Q1."What may be development for one person may not be development for another." Explain with examples.
- Q2.Why should sustainable development be encouraged?
- Q3.Should forests be cut for industries and roads? Give your opinion with justification.
- Q4.If a person earns a high salary but lives in a polluted and unsafe area, can we call that person truly developed? Why?
- Q5.What kind of development do you want for yourself, your society, and India?"

Information Technology

Communication Skills

- Q1: Define communication and explain the elements of the communication cycle.
- Q2: Differentiate between verbal and non-verbal communication with examples.

Database Management System (DBMS)

- Q3: What is a Database Management System? List its advantages.
- Q4: Describe the steps to create a table using the "Table Wizard" in LibreOffice Base.
- Q5: How is "Design View" different from "Table Wizard," and how do you create a table using Design View?

Note: Prepare in A4 size white paper and attach in stick file