

**ROYAL OAK INTERNATIONAL SCHOOL**  
SR. SEC. CBSE AFFILIATED-531174

# HOLIDAY HOMEWORK

**2026-27**

**| Class: X**



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## *FOR THE PARENTS*

### **Dear Parents,**

As the summer break begins, your role changes from supervisor to mentor. Summer vacation is a critical bridge for consolidating complex academic concepts and developing advanced self-regulation skills.

We request your support in helping them establish a balanced daily routine that accommodates rigorous self-study, research-based project work, and essential downtime. Please encourage independent research and critical thinking, refraining from direct intervention in their assignments. Your strategic guidance will help them build the maturity, accountability, and academic stamina required for the upcoming session and future competitive challenges.

Thank you for your continued cooperation and support.

### **Instructions for the students:**

1. Systematically review all syllabus topics covered in April and May to secure your foundations.
2. Ensure all subject assignments and practical files strictly adhere to the provided marking schemes.
3. Set weekly micro-deadlines across the break to prevent a last-minute rush and low-quality submissions.
4. Execute all research, data collection, and project work independently to build genuine concept mastery.
5. Use diverse academic resources, case studies, and critical problem-solving to elevate your assignment quality.
6. Focus on innovative presentation and unique insights, ensuring your work is entirely free from plagiarism.
7. Maintain an impeccably neat, structured, and professional format suitable for senior-school board evaluations.
8. Dedicate your free time to exploring career interests, reading advanced literature, or learning new technical skills.
9. Manage your screen time intentionally, prioritize physical fitness, and maintain a healthy summer sleep cycle.

**Wishing you a productive and enjoyable holiday season!**

**Regards**

**TEAM ROIS**

Please note the following:

- Summer vacations will commence from 25<sup>th</sup> May, 2026 till 30<sup>th</sup> June, 2026, both days inclusive.
- The school will re-open on 1<sup>st</sup> July, 2026(Wednesday)
- Schedule for the submission of HHW is as follows :

English	:	02/07/2026 (Thursday)
Hindi	:	03/07/2026 (Friday)
Maths	:	06/07/2026 (Monday)
Science	:	07/07/2026 (Tuesday)
S.Sc.	:	08/07/2026 (Wednesday)

- ❖ For AI and SANSKRIT (2<sup>nd</sup> week of July). Dates will be given in the classes only by the subject teachers.
- ❖ Summer HHW 5 marks will be added as an Activity marks in Term - I

Wishing you all a very fruitful and enjoyable vacations.



## **ENGLISH:**

**Answer the following questions in 40 to 50 words.**

1. How does the author use the contrast between the boys' age and their responsibilities to highlight the effects of war and poverty? Explain with examples from the lesson.
2. "Nicola and Jacopo represent dignity in adversity." Justify the statement with reference to their actions, behaviour, and attitude throughout the story.
3. Describe how the narrator's opinion about the two boys changes during the course of the journey. What incidents lead to this transformation?
4. The boys never seek sympathy despite their difficult circumstances. What does this reveal about their character and values? Explain in detail.
5. Why does the author call Nicola and Jacopo "gentlemen"? Do you think the title is suitable? Give reasons to support your answer.
6. How does the story expose human vanity and jealousy through the character of Mrs. Packletide? Explain with suitable examples.
7. Discuss the role of Miss Mebbin in the story. How does she turn from a paid companion into a clever manipulator?
8. "The tiger becomes less important than the rivalry between human beings." Analyse the statement with reference to the story.
9. How does the writer create humour and satire in Mrs. Packletide's Tiger? Mention any three techniques used in the story.
10. Why is the ending of the story considered ironic? Explain how the irony adds to the humour of the narrative.
11. How does the frog exploit the nightingale's innocence and insecurity for his own benefit? Explain with examples from the poem.
12. The nightingale loses her confidence gradually throughout the poem. Trace the stages of this decline in detail.
13. "Lack of self-confidence can destroy talent." How is the idea presented in the poem The Frog and the Nightingale?
14. Compare and contrast the personalities of the frog and the nightingale. How do their different traits lead to the tragic ending?
15. The poem is a satire on the entertainment industry and human society. Discuss how Vikram Seth conveys this message through the characters and events.

**Note:** Do it in your notebook

## **HINDI:**

- 1.स्पर्श और संचयन के सभी पाठों के मुहावरों को वाक्य में प्रयोग करके व्याकरण की उत्तर पुस्तिका में लिखें ।
- 2.व्याकरण की बुक में अपठित गद्यांशों को हल करके इसका अभ्यास कार्य व्याकरण की बुक में ही पूरा करें ।
- 3.'लोभ दुख का कारण है 'और 'परिश्रम का फल मीठा होता है ' शीर्षक का प्रयोग करते हुए लघु कथा लिखें ।
- 4.कक्षा में कराया गया सभी कार्य याद करें।

## **MATHS:**

1. Do following Activities in math manual

(i) Pair of linear Equation in two variable: To verify the condition for consistency of a system of linear equations in two variables by graphical representations.

(ii) To draw the graph of a quadratic polynomial and observe

- (a) The shape of the curve, when the coefficient of  $X^2$  is positive.
- (b) The shape of curve, when the coefficient of  $X^2$  is negative.
- (c) Its number of zeroes.

2. Solve 10 Different types of examples related to concept "HCF (A,B) x LCM(A,B)=AxB".

3. Solve 10 Statement problems of linear equations in two variable on each of the following topics :

- Problems on ages
- Problems based on distance and speed
- Problems based on time and work
- Problems based on two digit numbers

4. Prove that following are irrationals:

- (a)  $\sqrt{2}+\sqrt{5}$
- (b)  $1/\sqrt{3}$
- (c)  $\sqrt{3}+1/4$
- (d)  $\sqrt{7}-2$
- (e)  $\sqrt{5}-11$

5. Revise the syllabus done in the class till now.

## **SCIENCE:**

- NCERT Exemplar questions: Solve the exemplar questions of the following chapters of all the three ( Physics, Chemistry and Biology) in respective subject notebooks.

### **Physics:**

Chapter: Current Electricity

### **Chemistry:**

Chapter: Chemical reactions and equations

### **Biology:**

Chapter: Life processes

## **SOCIAL SCIENCE:**

### **❖ Prepare a project file on Man made Disasters .**

Must begin the project by including the following parameters (minimum sheets 25):

- Front information (School name, academic year, Project title and roll no)
- Beautiful creative Cover page
- List of content with page number (index).
- Certificate
- Acknowledgement ( giving credit to those who helped you in this project)
- Project overview ( brief idea about the project )
- Content sheet ( 10 to 12 pages with relevant photographs with maps )
- Conclusion
- Bibliography ( the book you read and the website you visited for the project )

### **❖ Prepare a poster on the given topics to make awareness about the Consumer Rights.**

<b>ROLL NO.</b>	<b>TOPICS</b>
1 to 8	Right to be informed
9 to 16	Right to seek Redressal
17 to 24	Right to choose
25 onwards	Right to Safety

- ❖ Prepare a wall hangings on different National waterways of India with complete information and related pictures.

❖ ROLL NO.	TOPICS
1 to 8	National waterways 1
9 to 16	National waterways 2
17 to 24	National waterways 3
25 onwards	National waterways 4

### SANSKRIT:

1. 'मणिका' पाठ्यपुस्तक के प्रथम 2-3, 4 और 5 अध्यायों को पढ़ें और उनके शब्द अर्थ याद करें ।
2. एकादशः पाठ : किं किम् उपादेयम् की एक फाइल चित्र सहित ए -4 शीट पर तैयार कीजिए ।
3. समय-लेखनम् -पृष्ठ संख्या 306 से 307 तथा चित्राधारितम् वर्णनम् (चित्र न0 2) चित्र सहित वर्णन ए -4 शीट पर तैयार कीजिए ।
4. श्लोक गायनःलेखन/गीता या किसी अन्य नीतिग्रंथ से 5 अच्छे श्लोक लिखें और उनके हिंदी अर्थ लिखें और याद करें। ए -4 शीट पर तैयार कीजिए ।

### ARTIFICIAL INTELLIGENCE:

#### 1. Project: "The AI Movie Poster"

Imagine a movie where **AI saves the world** (or causes a funny problem) and design the **Movie Poster** for it.

- Use a free tool like **Canva** or **Adobe Express** (they have templates).
- Add "Credits" at the bottom (Directed by: [Student Name], Produced by: [AI Name]).

#### 2. Project: "The AI Startup Pitch"

Create a 5-slide presentation for your AI app that solves a **daily life problem**. Cover all the phases of Project cycle.

### ART & CRAFT:

Gond Painting : Need to make a Gond painting in the file by using painting colours ,Brush pens & black gel pen which depicts an art form of Madhya Pradesh

For Reference :

