



# Holiday Homework

## **SESSION 2026-27**

### **CLASS IX**

#### **English Language:**

- Solve model test paper, four and five in your Total English book

#### **English Literature:**

**Acknowledgement**

**Index**

**Introduction**

**DRAMA (500 words)**

**In the opening two acts of Shakespeare's Julius Caesar, the seeds of a great tragedy are carefully sown through ambition, manipulation, and misplaced trust."**

**With close reference to Acts I and II, analyse how Shakespeare uses the characters of Brutus and Cassius to build the conspiracy against Caesar. In your answer, discuss the role of at least two dramatic devices (such as soliloquy, foreshadowing, or dramatic irony) and explain why Brutus — despite being an honourable man — chooses to betray his friend.**

**POETRY (500 words)**

**Describe the journey of the Night Mail train as it travels from London to Scotland? How does this poem celebrate the hard work of the postal system? What is the "overall message" about how modern technology brings people together across long distances?**



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### PROSE (500 words)

- How does the story, 'Oliver Asks for More', highlight the cruelty of the Victorian Workhouse system? Why was a simple request for food treated like a major crime?
- What is the author's message regarding how a society should treat its most vulnerable members, especially children?

### Conclusion

### Bibliography

- Learn the lessons taught and complete the workbook exercises and notes

### हिंदी योजना कार्य:

#### Project work

- हिंदी साहित्य
- हिंदी कहानीकार जैनेंद्र कुमार
- हिंदी व्याकरण
- पत्र



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### Holiday Homework Learn

- 1 पर्यायवाची
- 2 विलोम
- 3 विशेषण
- 4 वर्तनी शुद्ध कीजिए
- 5 तत्सम, तद्भव

And Revise the lessons taught

आज का युग विज्ञान का युग है। एक वरदान के रूप में विज्ञान की भूमिका असंदिग्ध है। संहारक एवम घातक अस्त्र-शस्त्रों के कारण विज्ञान एक अभिशाप भी बन गया है। विज्ञान: 'वरदान या अभिशाप' इस विषय पर अपने विचारों को तर्कसंगत ढंग से प्रस्तुत करें

### Mathematics:

#### 1) PROBLEMS FROM STAGE 1 BASED ON

CHAPTER 4 EXPANSIONS

CHAPTER 5 FACTORISATION

#### 2) PROJECT

TOPIC 1 – CONGRUENCY OF TRIANGLES

TOPIC 2 - AREA AND PERIMETER OF 2D FIGURES



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### HISTORY & CIVICS:

Total 1500 words

Acknowledgement

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Introduction

### HISTORY (750WORDS)

TOPIC :

**THE MUGHAL EMPIRE- Social and Educational Reforms, Literary sources, Rajput Policy of Akbar, Mughal Administration**

1. Write a brief Introduction about the Mughal chronology

2. Divide your project into the following sections:-

- Sources-Books, Monuments,
- Chronological Background of the Mughals-Babur, Akbar, Humayun,
- Policy and Reforms of Akbar, Jahangir Shah Jahan, Aurangzeb
- The Mughal Administration

### CIVICS (750 WORDS)

TOPIC:-

### OUR CONSTITUTION-

Divide your project into the following sections

- Date of adoption
- Date of Enforcement
- Preamble to the constitution
- Ideals or Objectives of the Indian Republic
- Importance of the Preamble
- Fact File, Flow Chart of the Preamble
- Write and explain briefly meaning of the Constitution, Composition
- Why do we need the Constitution.



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### CONCLUSION

### BIBLIOGRAPHY

Learn the Question - Answers given in the book, notebook and complete your work in notebooks.

### Geography:

Project Topic - Understanding El Nino- Causes, Effects and Global Impact.  
15 to 20 pages- Orange Spiral File.

Learn and revise the chapters taught and complete the notes.  
Practice the maps.

### Physics:

- 1) Revise Chapter 1 Measurement and Experimentations
- 2) Revise Chapter 3 Laws of Motion
- 3) PROJECT

### FORCE AND ITS APPLICATIONS

### Chemistry:

- Learn Chapter 1,2 and practice completing and balancing of chemical equations.
- Read Chapter 3 – Water.
- Learn identification and confirmatory tests of  $\sim\text{H}_2$ ,  $\sim\text{O}_2$ ,  $\text{Cl}_2$ ,  $\text{SO}_2$ ,  $\text{H}_2\text{S}$ ,  $\text{HCl}$ ,  $\text{CO}_2$  and  $\text{NH}_3$  from chapter 9
- Write 25 Chemical Formulae of the compound by using given cations and anions.

Cation –  $\text{Mg}^{2+}$  ,  $\text{Fe}^{3+}$  ,  $\text{Al}^{3+}$  ,  $\text{NH}_4^+$  ,  $\text{Pb}^{4+}$

Anion –  $\text{Cl}^-$ ,  $\text{SO}_4^{2-}$ ,  $\text{HCO}_3^-$ ,  $\text{NO}_3^-$  ,  $\text{PO}_4^{3-}$



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- **Project Work\*** – Write all the experiments in the practical file with blue or black pen. Start each experiment from new page and cover the file with light blue chart paper.

## Biology:

- Practice the diagrams of Ch 2,3,4 and 5.
- Do all the Exercises, questions and extra questions from the chapters 2,3,4 and 5
- Learn all the chapters taught.
- Practical (Project work) file
- Write all the experiments in Bio manual and draw labelled diagrams neatly.

## Robotics And Artificial Intelligence:

1. Prepare a report (150 words approx) on “New inventions in the field of Robotics”, in form of a word file.
2. Prepare a PowerPoint presentation on the topic “Various components of Robots (8-10 slides)
3. Create a short film (10 minutes) on the topic “Uses of AI and Robotics in various fields ”.  
(Use latest AI tools like Googleve03.1, Kling3.0)
4. Learn whatever is taught in the class.

(All the work needs to be saved in a pendrive)



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### Economic Applications:

#### PROJECT:

Choose any four topics from the following:

1. Sectors of the Indian Economy: A case study of a local agricultural, industrial, or service enterprise, explaining its contribution to the economy and employment.
2. Privatization vs Nationalization: Analyse public sector vs private sector, advantages and disadvantages of privatization, examples from India (Air India, banks, railways debate), impact on consumers and employment
3. The Economic Consequences of Climate Change in India: It's impact on agriculture and industries, government climate policies and long-term economic risks.
4. Case Study: Impact of Digital Payments on the Indian Economy: Study how apps like UPI, QR codes, and online banking changed spending habits in India after demonetisation and during recent years.
5. The rise of e-commerce and challenges for consumer protection in India.

#### HOMEWORK:

Learn and prepare chapter 2.



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### Computer Applications:

#### Project and Holiday H.W.

- Theory
- What is Class and object.
- What is OOPs? Explain in Detail?
- Data Types with examples?
- Write all the Syntax for Mathematical Library Method.

#### Question 1

Employees at Arkenstone Consulting earn the basic hourly wage of Rs.500. In addition to this, they also receive a commission on the sales they generate while tending the counter. The commission given to them is calculated according to the following table:

Total Sales	Commision Rate
Rs. 100 to less than Rs. 1000	1%
Rs. 1000 to less than Rs. 10000	2%
Rs. 10000 to less than Rs. 25000	3%
Rs. 25000 and above	3.5%

Write a program in Java that inputs the number of hours worked and the total sales. Compute the wages of the employees.



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## Question 2

Mayur Transport Company charges for parcels as per the following tariff:

Weight	Charges
Upto 10 Kg.	Rs. 30 per Kg.
For the next 20 Kg.	Rs. 20 per Kg.
Above 30 Kg.	Rs. 15 per Kg.

Write a program in Java to calculate the charge for a parcel, taking the weight of the parcel as an input.



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### Question 3

A cloth showroom has announced the following festival discounts on the purchase of items based on the total cost of the items purchased:

Total Cost	Discount Rate
Less than Rs. 2000	5%
Rs. 2000 to less than Rs. 5000	25%
Rs. 5000 to less than Rs. 10,000	35%
Rs. 10,000 and above	50%

Write a program to input the total cost and to compute and display the amount to be paid by the customer availing the the discount.

**Question 4** Write a program in Java that uses 'input using initialisation' to calculate the Simple Interest and the Total Amount with the given values:

i. Principle Amount = Rs. 20000

ii. Rate = 8.9%

iii. Time = 3 years



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**Question 5** Write a program in Java that accepts the seconds as input and converts them into the corresponding number of hours, minutes and seconds. A sample output is shown below:

```
Enter Total Seconds:  
5000  
1 Hour(s) 23 Minute(s) 20 Second(s)
```

## Physical Education:

### Section A

- Write the answers of Chapter No. 1 and Chapter No. 2 in the workbook.

### Section B

- Prepare a Project Work on Cricket in a separate file/notebook.
- Maximum length: 15 pages.
- Suggested Topics for Cricket Project
- Introduction to Cricket
- History of Cricket
- Types of Cricket Matches
- Cricket Ground and Pitch Diagram
- Equipment Used in Cricket
- Basic Rules of Cricket
- Role of Umpires
- Important Skills in Cricket
- Famous Cricketers
- Conclusion

## Art:

- Paper 1 (Still life): Complete any five still life pencil sketches.
- Paper 2 (Nature): Complete any five colour paintings based on nature.
- Project Work:
- (S.U.P.W): Complete two project works.