



LIONS PUBLIC SCHOOL
I BLOCK PHASE- 1 ASHOK VIHAR
DELHI: 110052
(SESSION: 2026-2027)

CLASS XII -C
ENGLISH HOLIDAY HOMEWORK

A Project File based on research, surveys, or literary analysis to be prepared selecting any one of the suggested topics :

1. **“Fear and Freedom”**- A Comparative Study of Deep Water and Aunt Jennifer’s Tigers
2. **“Dreams, Illusions and Reality”** — Going Places and The Third Level
3. **“Human Kindness Can Transform Lives”** — The Rattrap and Indigo
4. **“Voices Against Oppression”** — Indigo and Memories of Childhood
5. **“Women and Freedom”** — Aunt Jennifer’s Tigers and Memories of Childhood
6. **“Power of Silence and Introspection”** — Keeping Quiet and Deep Water
7. **“Poverty and Lost Childhood”** — Lost Spring and Going Places
8. **“Nature as a Source of Healing and Hope”** — A Thing of Beauty and Journey to the End of the Earth
9. **“Pride, Power and Human Weakness”** — The Tiger King and The Rattrap
10. **“The Search for Peace in a Restless World”** — Keeping Quiet and The Third Level
11. **“Social Inequality in Literature”** — Lost Spring and A Roadside Stand
12. **“Education as a Tool for Change”** — The Last Lesson and Memories of Childhood
13. **“Human Relationships and Emotional Bonds”** — My Mother at Sixty-Six and The Third Level
14. **“Fantasy vs Reality in Human Life”** — Going Places and The Tiger King

NOTE:For the structure and further details refer to the instructions provided in the class.

Practice the unseen passages and all the writing skills thoroughly.

ग्रीष्मावकाश गृह कार्य

विषय हिंदी

1. परियोजना कार्य- कार्य के कुछ विषय सुझावात्मक रूप में दिए जा रहे हैं।

भाषा और साहित्य से जुड़े विविध विषयों/ विधाओं /साहित्यकारों /समकालीन लेखन के आधार पर—
निम्नलिखित में से किसी एक विषय पर 2000 शब्दों में परियोजना तैयार कीजिए ।

क. हिंदी कविता में प्रकृति चित्रण (पाठ -जयशंकर प्रसाद)

*विभिन्न कवियों की कविताओं का तुलनात्मक अध्ययन

*भाषा शैली विशेषताएँ

*वर्तमान के साथ प्रासंगिकता इत्यादि।

ख. भारतीय ग्रामीण का जीवन (पाठ-सूरदास की झोपड़ी)

*आजादी से पहले ,बाद में तथा वर्तमान में स्थिति

*सुधार की आवश्यकताएँ

*आपकी भूमिका /योगदान/ सुझाव

ग. समकालीन,सांस्कृतिक एवं साहित्यिक विषयों से संबंधित

*भूमिका -क्या है ,क्यों है आदि का विवरण

*विभिन्न देशों में प्रभाव

*भारत के साथ तुलनात्मक अध्ययन

*करण और निवारण

*आपकी भूमिका योगदान सुझाव

2. विभिन्न माध्यमों के लिए लेखन-

प्रमुख जनसंचार माध्यम-खूबियाँ, खामियाँ, मुद्रित माध्यम के लिए लेखन, रेडियो समाचार की संरचना, बुनियादी बातें, टीवी समाचारों के विभिन्न चरण, भाषा और शैली, इंटरनेट पत्रकारिता का इतिहास और भारत में इंटरनेट पत्रकारिता, हिंदी नेट संसार आदि

2. रजिस्टर में करवाए गए सभी पाठों को याद करें ।

3. अब तक पढ़ाई गई सभी कविताओं की प्रसंग सहित व्याख्या का अभ्यास करें ।

4. अभिव्यक्ति और माध्यम के सभी पाठों को दोहराएं ।

5. कार्य पत्रिका अलग सीट पर पूरा करें।

***कुछ वर्तमान समाचार पत्रों का एक कोलाज तैयार कीजिए।**

*दूरदर्शन न्यूज़ और कोई एक निजी समाचार चैनल जैसे आज तक ,एनडीटीवी इंडिया, स्टार न्यूज़ या जी न्यूज़ आदि के रात 9:00 बजे के बुलेटिन 1 दिन का अंतर देखकर लगातार दो सप्ताह तक

देखे जैसे एक दिन डीडी न्यूज़ देखी तो अगले दिन कोई निजी समाचार चैनल दोनों के समाचार बुलेटिन के कलेवर और प्रस्तुति की तुलना करते हुए 200 शब्दों की एक रिपोर्ट तैयार कीजिए।

*अपने विद्यालय और मोहल्ले के आसपास की समस्याओं पर नजर डालें जैसे पानी की कमी, बिजली की कटौती खराब सड़के सफाई की दुर्व्यवस्था इनमें से किन्हीं दो विषयों पर रिपोर्ट तैयार करें।

***निम्न में से किन्हीं चार विषयों पर अपने शब्दों में आलेख लिखें:-**

- क) सानिया मिर्जा के खेल के तकनीकी पहलू
- ख) सर्राफें में आई तेजी
- ग) पल्स पोलियो अभियान- सफलता या असफलता
- घ) कटते जंगल
- च) ग्रहों पर जीवन की खोज

POLITICAL SCIENCE

- 1) PREPARE A PROJECT FILE ON THE ASSIGNED TOPIC AS PER CBSE GUIDELINES.
- 2) COLLECT DATA REGARDING RECENT ASSEMBLY ELECTIONS HELD IN 5 STATES OF INDIA.
- 3) COLLECT DATA ON. EMERGING POWERS LIKE JAPAN ,SOUTH KOREA.
- 4) WRITE A REPORT ON. THE ROLE OF UNO IN. RECENT IRAN AND USA CONFLICT.
- 5) LEARN ALL THE CHAPTERS DONE IN THE CLASS.

➤ **NOTE: COMPLETE ALL WORK IN NOTEBOOKS**

HISTORY

1. Do assignment sheets of Lesson1,2 & 3.
2. Prepare a project on the topic given in the class as per CBSE guidelines.
3. Prepare notes of lesson-4 and 5 .
4. Visit the National Museum (New Delhi Janpath Road) & prepare a detailed report on Indian history based on your observation.

INFORMATICS PRACTICES

1. Revise all the chapters done in class.
2. Prepare a **Project Report** on the selected topic (already chosen by students in class). It can be created individually or in a group of max. 2 students, but each student has to submit his own copy of report. Take colored printout of complete project report on A4-size sheets (spiral-binded) and also, keep soft copy of your project ready (to be later submitted in school). All pages of project report should have page numbers at bottom

(except cover-page). Complete this project in Summer Vacation i.e. till 30th June 2026. Last date to get your project signed is **5th July 2026**.

Check this link for reference of sample project : “CAR SALES ANALYSIS”

<https://www.scribd.com/document/711225975/Ip-Project-Class-12-Final-7>

Create the project with CSV file and perform all the operations on it as given below. Perform all the operation one-by-one and save the screenshot of each operation.

1. Import data from CSV File
2. Export data to CSV File
3. Add Row.
4. Remove Row.
5. Update Row.
6. Display Data using Head and Tail Method.
7. Display Individual Row.
8. Display Individual Column.
9. Display Individual Data.
10. Display Complete Data Frame.
11. Change the Index Number of any row.
12. Sort the Data in ascending order or descending order in respect of column.
13. Sort the Data in ascending order or descending order in respect of index number.
14. Count the total number of Rows.
15. Find the Sum, Minimum or Maximum Value (Any one or all if possible).
16. Make a Line Graph or Multiple Line Graph (if required) for data frame.
17. Make a Bar Graph or Multiple Bar Graph (if required) for data frame.

Project report should include the following :

1. Cover page : School Name & logo, Project Title, Subject, Session, Student Details (Rollno, Name, Class), Subject Teacher
2. Certificate
3. Declaration
4. Acknowledgement
5. Index/Contents
6. Introduction
7. Objectives/Advantages of the Project
8. Software & Hardware Requirements
9. Front-End & Back-End to be used : Python & CSV Files (specify the versions used)
10. Source Code in Python
11. Output
12. CSV Files
13. Bibliography

3. Complete and submit hard copy of **Practical file** : Q.1-9 (Series), Q.10-17 (Data Frame) & Q.18-22 (Data Visualization) as explained in class. List of programs is already given.
Submission Date: 5th July 2026.

4. Revise all the chapters done in class & complete the following Assignment Questions in fair IP Notebook.

1.	<p>Give the output of the following:</p> <pre>import pandas as pd S1=pd.Series([10,15,16,12,18,19], index=['A', 'B', 'C', 'D', 'E', 'F']) S2=pd.Series([2,3,2,4,5,3], index=['A', 'B', 'C', 'D', 'F', 'G']) print(S1+S2)</pre>
2.	<p>a) What is a Pandas Series? b) What are the key features of a Pandas Series? c) Can the data type in a Series be mixed?</p>
3.	<p>“Series has immutable index”. Explain.</p>
4.	<p>What do the keys and values in the dictionary represent in a Series?</p>
5.	<p>Consider the following series, ‘Student’ , and answer the questions that follow :</p> <pre>Alice 85 Bob 78 Charlie 92 David 76 Eva 89 dtype: int64</pre> <p>a) Display the values of this series. b) Display the indexes. c) Find how many elements are there in this series. d) Display the mark of ‘Alice’. e) Increase the marks of all the students by 5. f) Display the details, if mark is greater than 80. g) Display the marks of Alice, Eva. h) Modify the marks of ‘Alice’. New marks is 95.</p>

6. Write the output of the following code:

```
import pandas as pd
S1=pd.Series([10,15,16,12,18,19], index=['A', 'B', 'C', 'D', 'E', 'F'])
print(S1[0:3])
print("_____")
print(S1['A':'B'])
print("_____")
print(S1[0:5:2])
print("_____")
print(S1['A':'F':2])
```

7. a) Write code to create the following dataframe 'profit' regarding the profit made by four companies, A,B,C,D in 2021,2022,2023,2024. Data given is in millions. Use years as the index.
b) Give the output of the following code:
i)print(profit.head(2))
ii)print(profit.tail(2))
iii)print(profit['A'])

Dataframe: profit

	A	B	C	D
2021	10	8	10	6
2022	12	9	10	12
2023	10	11	11	14
2024	14	12	12	16

8. Shobit needs to create a dataframe named 'mydata' from two series named 'Eng' and 'Math'(as given below).Help him to write the code:

Eng		Math	
Aditi	25	Aditi	9
bhavuk	21	bhavuk	29
chirag	23	chirag	15
deepak	24	deepak	14
Gaurav	27	Gaurav	20
dtype:	int64	dtype:	int64

9. Consider the dataframe 'employee'. Write code to :

EID	EName	Department	Salary
1	John	IT	50000
2	Ria	MKT	45000
3	Shobhit	IT	55000
4	Aditya	MKT	60000
5	Rashi	ADMIN	52000

- i) Remove the column 'Salary'
- ii) Remove the row having index 4
- iii) Save the dataframe to a CSV file, data.csv in D:\Data
- iv) Increase the salary by 5000 for all employees
- v) Add a new column , 'Grade' having values 'A', 'B', 'A', 'B'
- vi) Add a new row with EID-6, EName 'Arpit', Department 'ADMIN', Salary-30000 & Grade 'A'
- vii) Display the Salary of 'Ria'
- viii) Display the names of all employees.
- ix) Rename the column 'Department' as 'Dept'.

10. Write a Python code using matplotlib to:

1. Plot a bar chart for sales data ['Q1', 'Q2', 'Q3', 'Q4'] with values [150, 200, 180, 220]
2. Set bar colour to cyan.
3. Label axes as "Quarter" and "Sales (in ₹)".
4. Include a title "Quarterly Sales" and display values on top of each bar.

11. Radhika has to fill in the blanks in the given Python program that generates a line plot as shown below. The given line plot represents the sales in lakhs over five months as given in the table.

`import _____ as plt #statement 1`

`months = ['Jan', 'Feb', 'Mar', 'Apr', 'May']`

`sales = [50, 60, 45, 90, 67]`

`plt._____(months, sales, marker='o', color='blue', linestyle='-', label='Monthly Sales')`

`#statement 2`

`plt.xlabel('_____')`

`#statement 3`

`plt.ylabel('Sales')`

Month	Sales
Jan	50
Feb	60
Mar	45
Apr	90
May	67



`plt.title('_____')` **#statement 4**

`plt.grid (True)`

`plt.legend()`

`plt.show()`

Write the missing statements according to given specifications :

1. to import the required module
2. to create a line plot.
3. to display the appropriate label for x axis.
4. to display the suitable chart title.

12. Write a program to generate a histogram with the following values :
X=[25,28,35,46,57,68,73]

Include the following parameters/arguments along with histogram :

- 1.It should be a horizontal histogram
- 2.Number of bins should be 20