



B.V.M. PUBLIC SCHOOL

GRADE : XII B

SUMMER BREAK HOLIDAYS HOMEWORK
(2025-26)



Dear Parents

Vacations are the most appropriate time for kids to refresh and rejuvenate themselves, to be creative and to learn new skills.

Children have ample energy, which should be channelized in the right direction to get the best out of them. We have designed holiday homework, keeping this in mind. It will build their confidence and new skills.

GENERAL INSTRUCTIONS:-

- ✓ *Eat healthy food daily and drink lots of water and juices.*
- ✓ *Read every day. Watch less TV/mobiles.*
- ✓ *Good manners are essential for success. Always respect your parents, grandparents, and all elders.*
- ✓ *Appreciate nature by taking long walks in a park or garden with your family and friends.*
- ✓ *Do your homework neatly and on your own.*
- ✓ *Revise the previous work.*

SUBJECT: ENGLISH

ENGLISH PROJECT

1. MARKING SCHEME

- The project consists of **10 MARKS**.
- Out of which, **5 MARKS** will be allotted for the **PROJECT FILE**, and the remaining **5 MARKS** for the **VIVA** based on the file.
- The **viva** will be conducted by the **EXTERNAL EXAMINER**
- **Submission Date: 01 July 2025.**

2. CONTENT OF THE PROJECT FILE:

The project file may include the following:

- **Cover page**, with the title of the project, school details and details of the student (**sample will be sent**)
- **Certificate of Completion** under the guidance of the teacher (**sample will be sent**)
- **Objectives** of the topic
- **Action Plan** for the completion of assigned tasks (**steps involved in doing the project**)
- The 800-1000 words essay/report
- Student reflections (**what new learning experience/outcome you have achieved after completing the project**)
- If possible, **photographs** that capture positive learning experience of the students (**collages/pics from various online sources**)
- **List of Resources/Bibliography** (**Last page of the project file**)

3. TOPICS:

INSTRUCTIONS:

- ✓ Refer to the links of the videos attached with each topic (You can also select different videos available on YouTube, relevant to your topic)
- ✓ Listen to these podcasts, documentaries, interviews etc. on the given topics
- ✓ Do a thorough research on the topic assigned
- ✓ Prepare a report/essay in about 800-1000 words describing the topic/issue/giving your own opinion/suggestions/measures/viewpoints/its impact on people/your learning experience
- ✓ You can also state the name of various speakers/people (in the given documentaries/video links), quote them and express their viewpoints
- ✓ The project should be neat, legible, with an emphasis on quality of content, accuracy of information, creative expression, proper sequencing and should be relevant as per your assigned topic
- ✓ PROJECT TO BE TYPED ON A4 SHEET.
- ✓ No repetition or copying of project work would be accepted.
- ✓ Please don't share your work with anyone. If the External examiner points out any repetition or copying of the project, the consequences would be severe.
- ✓ No marks will be awarded for a casual approach to completing the project
- ✓ There are 15 topics. Topics are distributed Roll-No Wise
- ✓ Roll no 16 will get topic no 1 and so on...

Given below is a list of some suggestive topics for the project.

1. MENTAL HEALTH DURING COVID TIMES:

Links for reference:

[https://www.youtube.com/watch?v=xzNMA
BRELPg](https://www.youtube.com/watch?v=xzNMA BRELPg)
[https://www.youtube.com/watch?v=CVvGv
oMRUhk](https://www.youtube.com/watch?v=CVvGvoMRUhk)
[https://www.youtube.com/watch?v=UE_H9
QhGktE](https://www.youtube.com/watch?v=UE_H9QhGktE)

2. BIOTERRORISM (BIOWAR & BIO WEAPONS):

Links for reference:

<https://youtu.be/Faftnz8cg7E>
<https://youtu.be/b6NI97v2buc>
https://youtu.be/6Af6b_wyiwl

3. DRUG ABUSE, DRUG TRAFFICKING & ADDICTION:

Links for reference:

<https://youtu.be/pzhD2MyeIbY>
<https://youtu.be/b6Dte96WdqM>
<https://youtu.be/lwP9H9qTuUY>

4. CYBER CRIME AND SECURITY:

Links for reference:

<https://youtu.be/AVBlvtEthtc>
<https://youtu.be/DpjoZGOONiQ>
https://youtu.be/1A3sQO_bQ_E

5. ONLINE AND OFFLINE TEACHING DURING COVID:

(Due to COVID, education industry has seen many new startups, discuss how this has affected many in positive and negative way)

Links for reference:

<https://youtu.be/8FKR35OidyU>
https://youtu.be/PVM3_0_nKSI
<https://youtu.be/7XyvN5dPTxE>

6. PATRIARCHY AND FEMALE SUBJUGATION:

Links for reference:

<https://youtu.be/R0LXAC2PXuU>
<https://youtu.be/MRfDzznfEOU>
<https://youtu.be/H-9fTS5cAiA>

7. NATIONWIDE LOCKDOWN HAS LED A DENT ON ECONOMY (Discuss in detail)

Links for reference:

<https://youtu.be/NbvrG1FR1X0>
<https://youtu.be/9ndmW5RLhPg>
<https://youtu.be/JmGfqusjxeo>

8. MOB LYNCHING:

Links for reference:

<https://dai.ly/x7gg8sz>
https://youtu.be/Jox_CYytGU
<https://economictimes.indiatimes.com/news/politics-and-nation/government-sets-up-4-member-committee-to-suggest-measures-to-deal-with-moblynching/videoshow/65107450.cms>

9. GENERATION GAP:

Links for reference:

<https://youtu.be/IEqX4QhMj3k>
<https://youtu.be/uEd6dhOegn4>
<https://youtu.be/p656FvLHupY>

10. SOCIAL NETWORKING PLATFORMS: IS SOCIAL MEDIA AN EFFECTIVE TOOL FOR QUICK AND CONVENIENT COMMUNICATION, OR IS IT JUST A SOPHISTICATED MEANS FOR STALKING PEOPLE?

Links for reference:

<https://youtu.be/ABOGsV2XTEk>
<https://www.intelligencesquaredus.org/?jwsourc=cl>
https://www.ted.com/talks/cal_newport_why_you_should_quit_social_media

11. DO YOU THINK THE SIGHTINGS OF UFOS ARE TRUSTWORTHY? DO ALIENS REALLY EXIST?

Links for reference:

<https://youtu.be/ZBtMbBPzqHY>

<https://youtu.be/30r45P1JFys>

<https://youtu.be/EVBCLAaflaw>

12. SHOULD ANIMAL TESTING BE BANNED?

Links for reference:

<https://youtu.be/G393z8s8nFY>

<https://youtu.be/FfRQDgu6pX4>

<https://youtu.be/Mo25wUKNySg>

13. CLIMATE CHANGE IS THE GREATEST THREAT FACING HUMANITY TODAY:

Links for reference:

<https://youtu.be/vy3gMVGwjuc>

https://youtu.be/cl4Uv9_7KJE

<https://youtu.be/ViboIJvWqiw>

14. VIOLENT VIDEO GAMES SHOULD BE BANNED:

Links for reference:

https://youtu.be/uaf_Xjz6Mxs

<https://youtu.be/vxUeDliBYMY>

<https://youtu.be/gv1SsYeKXXE>

15. THE DEVELOPMENT OF ARTIFICIAL INTELLIGENCE WILL HELP HUMANITY:

Links for reference:

<https://youtu.be/wTbrk0suwbg>

<https://youtu.be/-orTIDWqBN0>

विषय - हिंदी

1. दिए गए विषयों पर ग्रुप के अनुसार एक सचित्र प्रोजेक्ट फाइल तैयार कीजिए ।
2. प्रथम इकाई परीक्षा का संपूर्ण पाठ्यक्रम याद कीजिए ।

'HINDI FILE' XII th			Page No.
			Date
Group 1	Angel Anshika	]→	आदिकाल
Group 2	Anuj Bhuvnesh	]→	भक्तिकाल
Group 3	Humant Harshit Rishi	]→	शैतिकाल
Group 4	Harshit Sh. Ishant	]→	आधुनिक काल
Group 5	Khushi Megha	]→	जनसंचार माध्यम
Group 6	Mahisha Manvi	]→	सोशल मीडिया के व्यापक आयाम
Group 7	Niharika Parvash	]→	जनसंचार के मुहल माध्यम
Group 8	Priyanshu Prayag	]→	जनसंचार माध्यम के रूप में सिनेमा
Group 9	Vanshika Vedhi	]→	पत्रकार लेखन के विविध आयाम
Group 10	Yashika Nidhi	]→	विशेष लेखन
Group 11	Ram Pawan	]→	कहानी और लघुकथा

SUBJECT : IP

- 1) Which attribute of Data Frame is used to user defined index value?
- 2) What is dataframe ? Give example.
- 3) Write 5 attributes of a dataframe.
- 4) Name any two attributes of Series in Python.

- 5) Explain any three methods of Pandas Series.
- 6) What do you mean by Series in Python?
- 7) Write a code to add a new column "RollNo" with values (21,22) in a dataframe d1.
- 8) Which attribute of dataframe is used for the following.
 1. To display column labels.
 2. To display data type of each column in the DataFrame.
 3. To display all the values in the DataFrame.
 4. To display number of rows and columns in a tuple .
 5. To display row labels.
 6. To display total number of values in the dataframe .
 7. To transpose the dataframe .
 8. To return the value True If DataFrame is empty and False otherwise
 9. How to delete Rows and columns from a Pandas DataFrame?

10. A dictionary Grade contains the following data:

```
Gr1={"Name":["Rahul","Mukesh","Priya","Neha","Raghav"],"Grade":["A1","A2","B1","A2","A1"]}
```

Write the statement for the following:

- a) Create a data frame called Gr.
- b) Find the output of Gr.iloc[0:5] and Gr[0:5]
- c) Add a column called Percentage with the following data:[76,45,None,67,93]
- d) Rearrange the columns as Name, Percentage and Grade.
- e) Drop the column (i.e. ,Grade) by name.
- f) Delete the 2nd and 4th record

Write a Pandas program to create and display a one-dimensional array-like object containing an array of data using Pandas module.

- 1) Write a Pandas program to convert a dictionary to a Pandas series. Sample Series:

Original dictionary:

```
{'a':100,'b':200,'c':300,'d':400,'e':800}
```

Converted series:

a100

b200

c 300

d400
e800
dtype:int64

2) What are the purpose of following statements

1. df.columns
2. df.iloc[:, :-5]
3. df[2:8]
4. df[:]
5. df.iloc[:-4, :]

3) Write the output for the following code: -

a) import

pandas as pd

```
S1=pd.Series([1,2  
,2,7,'Raghav',77.  
5])
```

```
print(s1.head())
```

```
print(s1.head(930))
```

b) import pandas as pd df=pd.

```
DataFrame(index=[0,1,2,3,4,5],
```

```
columns=['one','two']) print
```

```
df['one'].sum()
```

c) What will be the output of df.iloc[3:7,3:6]?

d) Import pandas as pd

```
data=[{'a':10,'b': 20},{ 'a':6,'b':32,'c': 22}]
```

```
df1 =
```

```
pd.DataFrame(data,colu
```

```
mns=['a','b'])
```

```
df2=pd.DataFrame(data,c
```

```
olumns=['a','b1'])
```

```
print(df1)
```

```
print(df12)
```

e) import

pandas as pd

```
d={'Student':['Ali'
```

```
, 'Ali', 'Tom', "
```

```
Tom'],
```

```
'House': ['Red', 'Red', 'Blue', 'Blue'],  
'Points': [50, 70, 60, 80]  
df = pd.DataFrame(d)  
df1 = df.pivot_table(index='Student', columns='House', values='Points', aggfunc='sum')  
print(df1)
```

SUBJECT: PHYSICAL EDUCATION

Learn ch- 1 to 3

Practical file

Practical-1 SAI Khelo India fitness test in school (in textbook ch-6)

Practical-2 Write the procedure, benefit, & Contradiction of any 2 asanas from each lifestyle disease.

Practical-3 Write fundamentals of any one IOA recognised team game of your choice (Baseball, Handball, Football, Kabaddi, cricket, etc.) write history, fundamental skills, rules and regulations, awardees/ famous personality terminology.

SUBJECT: MATHEMATICS

1. Write 8 different mathematics activity.
2. Prepare a project on daily life application of the following topics.
 - a) Matrices and Determinants. (RNO 1-4)
 - b) Application of derivatives (RNO 5-8)
 - c) Application of integration (RNO 9-12)
 - d) Application of differential equations (RNO 13-16)
 - e) Application of vectors and three dimensions (RNO 17-20)
 - f) Application of Linear Programming (RNO 21-22)
 - g) Application of Probability (RNO 23 -30)

Date of submission

1.7.25 to 4.7.25

SUBJECT: ECONOMICS

Revise All the chapters done for UT 1.

PROJECT FILE

Topics

1. Government Budget
2. Excess and Deficient demand

3. Methods of calculating national income
4. Employment and Unemployment
5. Human Capital formation
6. Effects of war on the Economy
7. Money and Banking
8. Indian economy on the eve of independence
9. Sustainable Development
10. Rural Development

Instructions

- * A clear and concise title that accurately reflects the project's focus.
- * Write clearly and concisely: Use simple language and avoid jargon.
- * Cover Page: Include the project title, student's name, class along with certificate and Acknowledgement
- * Introduction: Provide context and background information for the project.
- * Conclusion: Summarize the main findings and their implications.
- * Bibliography: List all sources cited in the project.
- * Practice your presentation: Ensure you are comfortable and confident presenting your project.

SUBJECT: GEOGRAPHY

A. Practical file (Theory)

Chapter 1 Data Source and Compilation

Chapter 2 Data processing

Chapter 4 Spatial Information Technology

B.Map file

4. Primary Activities

- ★ Areas of subsistence gathering (Fig 4.2)
- ★ Major areas of nomadic herding of the world (4.4)
- ★ Major areas of commercial grain farming (1.12)
- ★ Major areas of mixed farming of the World (4.14)

7. Transport, Communication and Trade

★ **Terminal Stations of Transcontinental Railways—**

Trans-Siberian, Trans Canadian, Trans-Australian Railways

Major Sea Ports :

- ★ Europe: North Cape, London, Hamburg
- ★ North America: Vancouver, San Francisco, New Orleans
- ★ South America: Rio De Janeiro, Colon, Valparaiso
- ★ Africa: Suez and Cape Town
- ★ Asia: Yokohama, Shanghai, Hong Kong, Aden, Karachi, Kolkata
- ★ Australia: Perth, Sydney, Melbourne

Major Airports:

- ★ Asia: Tokyo, Beijing, Mumbai, Jeddah, Aden
- ★ Africa: Johannesburg & Nairobi
- ★ Europe: Moscow, London, Paris, Berlin and Rome
- ★ North America: Chicago, New Orleans, Mexico City
- ★ South America: Buenos Aires, Santiago
- ★ Australia: Darwin and Wellington

Inland Waterways :

★ Suez Canal, Panama Canal, Rhine waterways and St. Lawrence Seaways

1. Population Distribution Density Growth

★ State with highest population density

★ State Composition with lowest population density (2011).

3. Land Resources and Agriculture

Leading producing states of the following
crops :

(a) Rice (b) Wheat (c) Cotton (d) Jute (e) Sugarcane (f) Tea and (g) Coffee

5. Mineral And Energy Resources

Mines :

* **Iron-ore mines:** Mayurbhanj, Bailadila, Ratnagiri, Bellary

* **Manganese mines:** Balaghat, Shimoga

* **Copper mines:** Hazaribagh, Singhbhum, Khetari

* **Bauxite mines:** Katni, Bilaspur and Koraput

* **Coal mines:** Jharia, Bokaro, Raniganj, Neyveli

* **Oil Refineries:** Mathura, Jamnager, Barauni

8. International Trade

Mark and label the major sea ports and airports
on an outline map of India.

* **Major Sea Ports :**

Kandla, Mumbai, Marmagao, Kochi, Mangalore, Tuticorin, Chennai,
Visakhapatnam, Paradip, Haldia

* **International Air ports :**

Ahmedabad, Mumbai, Bengaluru, Chennai, Kolkata, Guwahati, Delhi,
Amritsar, Thiruvananthapuram & Hyderabad.

C.Revision of UT1

Syllabus

Ch 1 Human Geography

Ch 1 Population Distribution Density, Growth and Composition.

Ch2 World population distribution density & growth

Ch3 Graphical Representation of Data

SUBJECT: POLITICAL SCIENCE

Learn and Complete:

- Chapter 1 End of Bipolarity
- Chapter 2 New Centres of Power
- Chapter 3 Contemporary South Asia
- Chapter 4 International Organisations.

SUBJECT : HISTORY

GENERAL INSTRUCTIONS :

1. Do the given Project work in accordance with the instructions given in a separate PDF.
2. Do the given assignment of Chapter 1, Harappan Civilization.
3. Students should prepare individual projects of about 30-35 pages for the CBSE assessment.
4. Do not use plastic folders/file covers – the project will be presented in a simple and eco-friendly folder.
5. The project will be handwritten – do not paste computer printouts of written material. Credit will be awarded to the original drawings and Illustrations (where relevant) ; make use of cartoons, photographs, graphs, statistics, maps, etc.(where possible). Please make creative use of materials.
6. You may refer to your textbooks, internet, magazines, brochures, newspapers, etc. to prepare the project.

• PREPARATION OF FOLDER:

- The following instructions apply to your folder and will NOT be counted as part of the 30-35 pages' project report:

- FINAL PRESENTATION**

Section 1: HISTORY PROJECT: (TITLE OF PROJECT) NAME: SCHOOL: YEAR: ROLL NO: (CBSE)	Section 2: CERTIFICATE OF AUTHENTICITY (TO BE PASTED)	Section 3: INDEX
Section 4: ACKNOWLEDGEMENTS (Acknowledging the institution, the places visited and the persons who have helped).	Section 5: PREFACE: 1. Name Of Project: 2. Problem Statement / Objective Of Project:	Section 6: INTRODUCTION: 1. Objective of doing the project. 2. Introduce the topic studies giving some historical background if possible.
Section 7: PLANNING AND ACTIVITIES DONE DURING THE PROJECT (if any)	Section 8: OBSERVATIONS AND FINDINGS	Section 9: CONCLUSIONS (Summarized suggestions or findings, future scope of study).
Section 10: LEARNING FROM PROJECT	Section 11: APPENDIX 1. Persons Consulted: 2. Bibliography (Books/ Websites/films referred to)	Section 12: Name of Teacher (Don't write) Signature:

- ADDITIONAL TIPS:**

- PREFACE:
 1. Name of Project:
 2. Problem Statement / Objective of Project:
- The objective of the project is to know the: (quote from the objectives given for your topic)
- INDEX:

S.NO	PARTICULARS	PAGE NO
1.	Acknowledgements	
2.	Preface	

3.	Introduction	
4.	Planning And Activities Done During The Project	
5.	Observations And Findings	
6.	Conclusions	
7.	learning's From The Project	
8.	Appendix	

- Students can use primary as well as secondary sources for the research work. Choose any one of the following topics:
- 1. The Indus Valley Civilization-Archeological Excavations and New Perspectives
- 2. The History and Legacy of Mauryan Empire
- 3. “Mahabharat”- The Great Epic of India
- 4. Buddha Charita
- 6. A Comprehensive History of Jainism
- 5. Bhakti Movement- Multiple interpretations and commentaries.
- 6. Global legacy of Gandhian ideas
- 7.The Architectural Culture of the Vijayanagar Empire
- 8. The Revolt of 1857- Causes; Planning & Coordination; Leadership, Vision of Unity
- 9.The Philosophy of Guru Nanak Dev/ The Vision of Kabir
- 10. An Insight into the Indian Constitution
- Note- Distribution of marks over different aspects relating to the above project shall be given according to the
- 1) Content,
- 2) Accuracy,
- 3) Originality,
- 4) Presentation,
- 5) Creativity.

TO BE READY FOR TOMORROW'S OPPORTUNITIES, DO YOUR HOMEWORK TODAY,
LEARN, REFINE YOUR SKILLS AND FOCUS ON GROWTH.

ALL THE BEST!! ENJOY YOUR HOLIDAYS IN HOLISTIC WAY

