

**ITBP PUBLIC SCHOOL  
HOLIDAY HOMEWORK  
CLASS XI SESSION 2025-26**

**SUBJECT - HISTORY**

**\*1. Project Work\***

(As per CBSE guidelines, students usually have to complete one project.)

**\*Choose any one topic:\***

1. Ancient civilizations: Compare Egyptian, Mesopotamian, and Harappan civilizations.
2. historical biography: Life and contributions of Ashoka, Cleopatra, or Genghis Khan.
3. Trade Routes in Ancient Times (e.g., Silk Road, Spice Route).
4. Art and Architecture: Study a monument (like the Pyramids, Great Wall, Taj Mahal).

**\*Project Format:\***

**\*Cover page\***

**\*Introduction\***

**\*Research content (with headings/subheadings, maps, pictures)\***

**\*Conclusion\***

**\*Bibliography\***

**\*2. Timeline Creation Activity\***

1. Create a colorful timeline (chart or digital) marking important events from:
2. Early societies (like Neolithic Revolution) to the emergence of empires (like Mauryan, Roman).
3. Include 10–12 major events with brief descriptions

**\*4. Book Review (Optional Enrichment)\***

1. "A Short History of the World" by H.G. Wells
2. "The Story of Civilization" by Will and Ariel Durant (excerpts)

**\*4. Create a Historical Newspaper\***

1. Prepare a mock newspaper of any ancient civilization.  
News reports (e.g., "Pyramids of Giza Completed!")
2. Advertisements (ancient goods, slaves, spices)
3. Interviews with kings, merchants, or commoners (imaginative)

**\*5. Map Work\***

Practice map skills:

1. Locate and mark important ancient cities: Harappa, Babylon, Athens, Rome, Alexandria, etc.
2. Identify important rivers: Nile, Tigris, Euphrates, Indus, Yellow River

**\*Submission Format:\***

1. Neat handwritten work
2. Use pictures, sketches, maps wherever possible.
3. Be original—avoid direct copying from Internet sources.

## SUBJECT – BIOLOGY

1. Prepare the investigatory project on the assigned topic, it must includes:

- Cover page
- Index
- Acknowledgement
- Certificate
- Introduction
- Details about the project
- Annexure
- Bibliography

2. Do the assignments shared on the group from unit Human Physiology

3. Make a herbarium on the different plants(atleast 10 different plants).

## हिंदी अवकाश कालीन गृह कार्य

1. पाठ्य पुस्तक आरोह के सभी अध्यायों के नाम लेखक (कवि) के साथ ।

लेखक (कवि) परिचय और अध्याय ( पाठ ) का संक्षिप्त परिचय ।

जैसे - नमक का दारोगा - मुंशी प्रेमचंद

लेखक परिचय -

पाठ परिचय -

## SUBJECT - PHYSICS

1. Revise the CH-1 UNITS AND MEASUREMENT & learn all the dimensions

2. Prepare an investigatory project on any topic from NCERT

3. Write the following experiments in PRACTICAL FILE

A. To measure diameter of a small spherical/cylindrical body and to measure internal diameter and depth of a given beaker/calorimeter using Vernier Callipers and hence find its volume.

B. To measure diameter of a given wire using screw gauge.

C. To determine radius of curvature of a given spherical surface by a spherometer.

## SUBJECT – CHEMISTRY

1. Revise chapter 1 Some basic concept of chemistry and Solve complete NCERT QUESTION (intext,example,back exercise)

2. Prepare an investigatory project on any topic from NCERT

3. Solve all level questions from NARENDRA AVASTHI of chapter 1

4. Draw and write about various apparatus(minimum 15)used in chemistry PRACTICAL FILE

## **SUBJECT -- Political science**

- 📖 Solve the Unit Test questions paper in your political science fair notebook.
- 📖 Complete your notebook work .
- Do the given \*important questions answer\* of \*chapter 2 rights in indian constitution in\* your political science notebook. PDF of that question answer will be shared in your subject group.
- 📖 Complete your CBSE project file according to the topic allotted to you.
- 📖 Special Points
  - The project work should be of 25 to 30 pages.
  - Index and acknowledgment letter should be attached to the project work.
  - Pictures, maps and figures should be used to make the project work attractive.
  - All the students will make their own separate projects.

## **SUBJECT - COMPUTER SCIENCE**

- 1 .Complete your notebooks.
2. Solve UT1 test paper.
3. Make a practical file comprised of Python Programs. Write and execute all the specified codes as per the current syllabus. Paste the printouts of outputs as well. Index, Certificate and Acknowledgement must be there in your practical file.
4. Revise all the chapters covered in the class.

## **SUBJECT : PSYCHOLOGY**

- Complete your notebook work : all notes should be neatly handwritten in your registers. (Till Chapter 2 :Research Methods)
- Complete practical Introduction. PDF will be shared in the subject group.
- Complete your Case Profile on any 1 subject. PDF with format will be shared in the subject group.

### **Important points:**

Both practical and case profile have to be handwritten. No copying of projects will be entertained.

## **SUBJECT -ACCOUNTANCY**

### **Project Work\***

(As per CBSE guidelines, students usually have to complete one project.)

\*Choose any one topic:\*

1. Collection of source documents, preparation of vouchers, recording of transactions with the help of vouchers.
2. Preparation of Bank Reconciliation Statement with the given cash book and the pass book with twenty to twenty-five transactions.

3. Comprehensive project of any sole proprietorship business. This may state with journal entries and their ledgering, preparation of Trial balance. Trading and Profit and Loss Account and Balance Sheet. Expenses, incomes and profit (loss), assets and liabilities are to be depicted using pie chart / bar diagram. This may include simple GST related transactions

This project should include minimum 35 pages.

It is suggested to undertake this project after completing the unit on preparation of financial statements. The student(s) will be allowed to select any business of their choice or develop the transaction of imaginary business. The project is to run through the chapters and make the project an interesting process. The amounts should emerge as more realistic and closer to reality.

## **SUBJECT --ENGLISH**

Books: Hornbill & Snapshots

Total Marks: 50

Submission date: 23 July 2025

### **Section A: Reading & Comprehension (10 Marks)**

1. Read the following chapters thoroughly:

- Hornbill: "The Portrait of a Lady" and "We're Not Afraid to Die..."
- Snapshots: "The Summer of the Beautiful White Horse"

2. Answer the following in your notebooks:

- a) Write a character sketch of Grandmother from "The Portrait of a Lady". (150 words)
- b) Describe the narrator's experience during the storm in "We're Not Afraid to Die..." in your own words. (150–200 words)
- c) What does the story "The Summer of the Beautiful White Horse" teach us about honesty and childhood? (100–150 words)

### **Section B: Vocabulary & Grammar (10 Marks)**

1. Find 10 new words from any of the above three chapters (minimum 3 from each). Write their:

- Meaning
- Part of Speech
- Use in your own sentence

#### **2. Grammar Practice:**

- a) Write a diary entry (150–200 words) about a memorable holiday using past tense, modals, and linkers effectively.

- b) Identify five different sentence types (declarative, interrogative, imperative, exclamatory, negative) from the texts read.

### **Section C: Creative Expression (15 Marks)**

1. Choose any one:

- a) Write a letter to the author of The Portrait of a Lady, asking questions about the real-life inspiration behind the story.
- b) Rewrite the story “The Summer of the Beautiful White Horse” from John Byro's perspective. (200–250 words)

### **2. Project Work (Written):**

Prepare a book review (written and oral, 200 words) on any one of the following:

- “The Portrait of a Lady”
- “The Summer of the Beautiful White Horse”

Include:

- Theme
- Characters
- What you liked/disliked
- Personal takeaway

### **Section D: Integrated Project (15 Marks)**

Task: Design a thematic poster or collage (handmade or digital) based on one of the stories. Themes may include:

- Courage & Endurance
- Grandparent Relationships
- Childhood & Innocence

Add a 100-word write-up explaining your poster and the story connection.

## **SUBJECT -Business Studies**

Project work as per CBSE

Topic as per Roll Number

1. Roll No. 1-5 Internal trade
2. Roll No. 6-10 External Trade
3. Roll No. 11-15 Insurance

Project will include 25 pages. There should be a case study in this particular project.

## SUBJECT -- MATHEMATICS

Do all these question:-

### CHAPTER 01: SETS

- Describe the following sets by property method:  
 (I)  $\{3, 5, 9, 17, 33\}$  (II)  $\{5, 7, 11, 13, 17\}$   
 (III)  $\{19, 34, 49\}$  (IV)  $\{3, 10, 29, 66\}$
- If  $A = \{x: x = 4n + 1, n \leq 5, n \in \mathbb{N}\}$  and  $B = \{3n: n \leq 8, n \in \mathbb{N}\}$  then find  $(A \cup B) - (A \cap B)$ .
- Let  $A = \{x: x \text{ is a positive prime less than } 10\}$  and  $B = \{x: x \in \mathbb{N} \text{ and } 0 < x - 2 \leq 6\}$  Then find  
 (i)  $A - B$  (ii)  $B - A$
- Let  $U = \{x: x \in \mathbb{N} \text{ and } x < 10\}$   
 $A = \{x: x = 2y + 1 \text{ and } y \in \mathbb{N}\}$  and  $B = \{x: x = 3y - 1 \text{ and } y \in \mathbb{N}\}$  To prove  $A - B = A \cap B'$
- A and B are two sets such that  $n(A - B) = 14 + x$ ,  $n(B - A) = 3x$  and  $n(A \cap B) = x$ . If  $n(A) = n(B)$  find  $x$  and  $n(A \cup B)$ .
- If A and B are any two sets then prove that following.  
 (i)  $(A \cup B)' = A' \cap B'$  (ii)  $(A \cap B)' = A' \cup B'$   
 (iii)  $A \cap (B - C) = (A \cap B) - (A \cap C)$  (iv)  $(A \cup B) - C = (A - C) \cup (B - C)$
- For any two sets A and B prove that  $P(A \cap B) = P(A) \cap P(B)$ .
- Let A and B be two sets. Using properties of sets prove that:  
 (i)  $A \cap B' = \emptyset \Rightarrow A \subset B$  (ii)  $A' \cup B = U \Rightarrow A \subset B$
- For sets A, B and C using properties of sets, prove that:  
 (i)  $A - (B \cup C) = (A - B) \cap (A - C)$  (ii)  $A - (B \cap C) = (A - B) \cup (A - C)$   
 (iii)  $(A \cup B) - C = (A - C) \cup (B - C)$

## SUBJECT -- ECONOMICS

Complete Project from following topic (Any One)

### Suggestive List of Projects:

Class XI	
• Effect on PPC due to various government policies	• Invisible Hand (Adam Smith)
• Opportunity Cost as an Economic Tool (taking real life situations)	• Effect of Price Change on a Substitute Good (taking prices from real life visiting local market)
• Effect on Equilibrium Prices in Local Market (taking real life situation or recent news)	• Effect of Price Change on a Complementary Good (taking prices from real life visiting local market)
• Solar Energy, a Cost-Effective Comparison with Conventional Energy Sources	• Bumper Production- Boon or Bane for the Farmer
• Any other newspaper article and its evaluation on basis of economic principles	• <b>Any other topic</b>

## SUBJECT -- INFORMATICS PRACTICES

- Write 20 different programs in python using print() and input()
- Compare and write difference between different types of software, from chapter 1.