

**VIKAS BHARATI PUBLIC SCHOOL
HUMANITIES HOLIDAY HOME WORK**

SESSION 2026-27

ENGLISH

SHARP Insights

1. Complete all assignments from module number 2 and 3
2. Do comprehension passage assignment no. 1-5 from module 1
3. Make quiz sheet /flowchart/mind map of at least four chapters two from each (**Flamingo and Vistas**)
4. Prepare review of any one chapter from your course books for **speaking assessment** to be held after summer break. (5marks)

MARKETING

- 1) Complete the Project File as directed in the Project Guidelines shared in the Marketing Group.
- 2) Prepare for the upcoming assessment in the month of July.

विषय हिंदी

(क) परियोजना कार्य -

विषय-

- 1 'पर्यावरण संरक्षण'
 - 2 'साहित्यकार का अध्ययन'
 - 3 मीडिया और समाज: "समाचार चैनलों में टीआरपी की दौड़"
 - 4 लोक कलाएं/संस्कृति
 - 5 कहानी नाट्य रूपांतरण: 'पहलवान की ढोलक' या किसी प्रसिद्ध कहानी का पटकथा लेखन।
 - 6 यात्रा वृत्तांत
- उपयुक्त में से किसी एक विषय पर परियोजना कार्य बनाना है।

- फाइल में मुखपृष्ठ, आभारोक्ति, विषय-सूची, उद्देश्य, विषय विस्तार, निष्कर्ष और संदर्भ सूची शामिल करें।

- रचनात्मकता के लिए चित्र, कविताएं और स्लोगन का प्रयोग करें।

(ख) निम्नलिखित विषयों पर रचनात्मक लेख अपनी हिंदी कॉपी में लिखें।

1 यदि मैं एक दिन के लिए अदृश्य (invisible) हो जाऊँ।

2 अगर मेरे पालतू जानवर (pet) बात कर सकते।

3 वह पल जब मुझे खुद पर बहुत गर्व हुआ।

4 डर पर जीत: जब मैंने अपनी किसी कमजोरी को दूर किया

5 ऑनलाइन खरीददारी: सुख और दुख

SOCIOLOGY

Prepare your project file on any social issue as per CBSE guidelines

Few suggestive Topics

◆ Population & Demographic Issues

- Population explosion and its impact
- Gender imbalance and declining sex ratio
- Aging population in urban areas
- Migration (rural to urban) and its effects

◆ Gender & Equality Issues

- Gender inequality in education and employment
- Women empowerment and challenges
- Child marriage in India
- Domestic violence and legal safeguards
- LGBTQ+ rights and social acceptance

◆ Economic & Poverty Issues

- Poverty and inequality in India
- Unemployment among youth
- Child labour and its consequences
- Informal sector and lack of job security

◆ Education & Awareness

- Illiteracy and its social impact
- Digital divide in education
- Dropout rates in rural areas
- Right to Education and its implementation

◆ Health & Social Well-being

- Malnutrition among children
- Access to healthcare in rural India
- Mental health awareness among youth
- Sanitation and hygiene issues

◆ Caste & Social Structure

- Caste discrimination in modern India
- Reservation system: merits and challenges
- Untouchability and social exclusion

◆ Environment & Society

- Pollution and its social impact
- Water scarcity and conservation
- Climate change and vulnerable communities
- Waste management in cities

◆ Contemporary Social Issues

- Cybercrime and online safety
- Substance abuse among youth
- Media influence on society
- Fake news and misinformation

◆ Law, Order & Governance

- Corruption and its impact on development
- Role of NGOs in social change
- Human rights issues in India

Steps involved in the conduct of the project:

1. Choose a Title/Topic
2. Index
3. Certificate.
4. Acknowledgement
5. Need of the Study, Objective of the Study
6. Research question and Hypothesis
7. Preface/Introduction
8. Content -Timeline, Maps, Mind maps, Pictures, etc. (Organization of Material/Data Present Material/Data)
9. Sample questionnaire
10. Analysing the Material/Data for Conclusion – Tabular representation ,2 graphs and Pie charts
11. Draw the Relevant Conclusion
12. Appendix (Filled forms)
13. Bibliography
14. Remarks

HISTORY

OBJECTIVES

Project work will help students to:

- develop skill to gather data from a variety of sources, investigate diverse viewpoints and arrive at logical deductions.
- develop skill to comprehend, analyse, interpret, evaluate historical evidence, and understand the limitation of historical evidence.
- develop 21st century managerial skills of co-ordination, self-direction, and time management ☞ learn to work on diverse cultures, races, religions, and lifestyles.
- learn through constructivism-a theory based on observation and scientific study. ☞ inculcate a spirit of inquiry and research.
- communicate data in the most appropriate form using a variety of techniques.
- provide greater opportunity for interaction and exploration. ☞ understand contemporary issues in context to our past.
- develop a global perspective and an international outlook. ☞ grow into caring, sensitive individuals capable of making informed, intelligent, and independent choices.
- develop lasting interest in history discipline.

SUGGESTIVE TOPICS FOR PROJECTS - CLASS XII

1. The Indus Valley Civilization-Archaeological Excavations and New Perspectives
2. The History and Legacy of Mauryan Empire
3. “Mahabharat”- The Great Epic of India
4. The History and Culture of the Vedic period
5. Buddha Charita
6. A Comprehensive History of Jainism
7. Bhakti Movement- Multiple Interpretations and Commentaries.
8. The Mystical Dimensions of Sufism
9. Global Legacy of Gandhian Ideas
10. The Architectural Culture of the Vijayanagar Empire
11. Life of Women in the Mughal Rural Society
12. Comparative Analysis of the Land Revenue Systems Introduced by the Britishers in India
13. The Revolt of 1857- Causes; Planning & Coordination; Leadership, Vision of Unity
14. The Philosophy of Guru Nanak Dev
15. The Vision of Kabir
16. An Insight into the Indian Constitution
17. Comparative Study of Stupas and Pillar Edicts
18. Comparative Study of Mughal and Vijayanagar Architecture

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8. Content -Timeline, Maps, Mind maps, Pictures, etc. (Organization of Material/Data Present Material/Data)

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POLITICAL SCIENCE

Objectives of project work

To enable learners to:

- probe deeper, initiate action and reflect on knowledge and skills acquired during the course of class XI and XII
- analyse and evaluate real world scenarios using social constructivism, a theory based on observation and scientific study
- become independent and empowered to choose their topic and gather data from a variety of source, investigate varied viewpoints acquired and arrive at logical deductions.
 - enquire into, and reflect on, issues independently /in collaboration with others and identify the limitations.
- develop 21st century skills of communication, cooperation, coordination, critical thinking, creativity and collaboration to produce an extended and independent work.

Few suggestive Topics

1. NAM- 1961 to present times.
2. Division of Germany with special focus on the construction and dismantling of the Berlin Wall.
3. CIS-Central Asian Republics
4. Disintegration of USSR with special focus on Gorbachev.
5. Arab Spring
6. Cover the negative as well as positive aspects of relationship between India and the following countries. Focus on any one of the following (current updates should be highlighted): a) Relationship between India and Russia b) Relationship between India and China c) Relationship between India and Pakistan d) Relationship between India and Bangladesh
7. ASEAN
8. European Union and BREXIT
9. BRICS
10. SAARC
11. India's Nuclear Policy
12. United Nations with focus on India's candidature in Security Council.
13. UN Agencies – UNICEF, UNESCO, WHO
14. Pandemics: Covid 19- Its global impact (focus on worldwide cooperation and preparedness along with controversies (please collect newspaper clippings for the same)
15. Partition of India-Theory behind it and its legacy
16. Comparison between NITI AAYOG and Planning Commission and their contribution in India's Development.
17. Election 2019- Rise of BJP and Downfall of Congress (1989-2019).

18. Imposition of Emergency in India 19. NDA III and NDA IV – Social and Economic welfare programmes.

Steps involved in the conduct of the project:

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22. Content -Timeline, Maps, Mind maps, Pictures, etc. (Organization of Material/Data Present Material/Data)
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28. Remarks

ECONOMICS

Complete Economics Project File on the assigned topic.

Imp-

Strictly follow Project Instruction PDF while completing Project.

PSYCHOLOGY

1. Revision Work

Revise and complete notes, assignments, and exercises for:

Chapter 1

Chapter 2

2. Psychological Testing -Practical File

Complete the practical file work as instructed, titles of write-up:-

- Introduction to psychological testing
- CFIT

- MPI
- SCQ
- SCAT
- AISS

3. Case Profile

Prepare a case profile by interviewing an adolescent.

Write up on Introduction to case study

Guidelines for case profile:

- Take consent before conducting the interview
- Maintain confidentiality
- Use the format shared in class

Physical Education (XII)

Prepare a project with topics

1- SAI khelo India fitness test for all categories

2- Yoga mentioning all five lifestyle diseases with two asanas for each disease along with asana picture, procedure, benefits and contraindications

3- Rikli and Jones senior citizen fitness test

4- Any one game/sport of your choice recognised by I.O.A mentioning Historical development

Layout

Techniques

Skills

Terminologies

Rules regulations

Arjuna awardees

CLASS XII — INFORMATICS PRACTICES

Subject: Informatics Practices

Marks: 5 Marks

Purpose: Project Work

Group Size: Individual or groups of 2-3 students

Assignment: Project work

As per the CBSE curriculum for Class XII Informatics Practices (2026-27), each student or group must develop a complete project. The summer holidays are the ideal time to identify your problem, gather data, and begin development.

⚠ Important Note:

The project must be developed using Python (Pandas, Matplotlib) and/or MySQL. All data, images, and resources used must be properly referenced to avoid plagiarism. Copying from the internet or peers without attribution is a serious violation and will be penalised.

Project Ideas:

Choose a real-world problem. Here are some suggested ideas:

#	Project Title	Description
1	Student Performance Analyser	Analyse exam results using Pandas; visualise subject-wise/class-wise performance with Matplotlib bar graphs and line plots.
2	Local Shop Sales Management	Visit a local shop; record sales data in CSV; analyse monthly revenue, top products using DataFrames; generate charts.
3	COVID-19 / Health Data Analysis	Use open data (data.gov.in) to analyse health statistics; plot trends over time; derive insights using groupby and aggregation.
4	School Library Management System	Design a MySQL database to manage books, members, and issue records; write SQL queries for reports and aggregation.
5	Weather Data Visualisation	Download weather data for your city; analyse temperature/rainfall trends; plot using Matplotlib with proper labels and legends.
6	E-Waste Awareness Dashboard	Collect data on electronic waste; create an awareness report with visualisations; integrate Societal Impact unit concepts.

7	Neighbourhood Survey Analysis	Design a survey; collect responses; analyse using Pandas; plot demographics and responses to draw meaningful conclusions.
8	Stock Market Trend Analysis	Download publicly available stock data; use Pandas to find moving averages; visualise price trends using line and bar plots.

Mandatory Components to Include:

Complete the following by the end of the summer break:

1. Identify a real-world problem or topic for your project.
2. Identify your group members (if working in a group of 2-3).
3. Collect or download your dataset (CSV file or create a MySQL database).
4. Write the Problem Statement (1 paragraph explaining what you are solving).
5. Prepare the Synopsis — a 1-page document outlining: Title, Objective, Dataset Source, Tools/Libraries Used, Proposed Output.
6. Begin coding: Import dataset, perform basic Pandas operations (head, tail, describe, shape).
7. Create at least 2 visualisations (one line/bar chart, one histogram).

Complete Project Structure:

- Cover Page — Title, Class, Section, Roll Numbers, School Name
- Certificate — Signed by teacher
- Acknowledgement
- Abstract / Synopsis (1 page)
- Introduction — Background and motivation
- Problem Statement — Clearly defined objective
- System Requirements — Hardware and software used
- Dataset Description — Source, fields, number of records
- Python Code with Comments — All programs with explanation
- SQL Queries (if applicable) — With output screenshots
- Output / Results — All charts, tables, and outputs with explanation
- Analysis & Insights — What did you learn from the data?
- Conclusion — Summary of findings and future scope
- References — Properly cited in APA or MLA format

Technical Requirements:

- Language / Tools: Python 3.x, Pandas, Matplotlib, MySQL (optional)
- Minimum programs: 15 Python programs using Pandas + 4 Matplotlib visualisations
- If using SQL: Minimum 15 SQL queries must be included in the practical file

- Data source: Open data portals (data.gov.in, Kaggle, etc.) or self-collected surveys
- Code must be commented and explained in the project report
- All visualisations must have proper title, axis labels, and legends

"Technology is best when it brings people together." — Matt Mullenweg

YOGA

Practical file

1. Yogic Practices for Lifestyle Disorders

Prepare therapeutic yogic practices for the following:

a) Obesity

- Tadasana
- Trikonasana
- Pawanmuktasana
- Kapalbhati
- Benefits & contraindications

b) Diabetes

- Mandukasana
- Ardha Matsyendrasana
- Vakrasana
- Pranayama practices

c) Asthma

- Bhujangasana
- Matsyasana
- Anulom Vilom
- Bhramari

d) Hypertension

- Shavasana
- Vajrasana
- Meditation
- Deep breathing exercises

e) Back Pain

- Bhujangasana
- Makarasana
- Shalabhasana

f) Anxiety and Stress

- Yoga Nidra
- Meditation
- Bhramari Pranayama

Pranayama

Include:

- Meaning of Pranayama
- Types
- Benefits & precautions

Important Pranayama:

- Anulom Vilom
- Kapalbhata
- Bhramari
- Ujjayi
- Sheetali

Shatkarma

Brief explanation of:

- Jal Neti
- Sutra Neti
- Kapalbhata
- Trataka

Project file

Surya Namaskar

Include:

- 12 postures with names
- Procedure
- Breathing pattern
- Benefits
- Precautions

MATHEMATICS

Chapter 3: Matrices

Chapter 4: Determinants

Chapter 5: Continuity and Differentiability

Chapter 6: Application Of Derivatives

Revise all the above chapters thoroughly and prepare well for the upcoming UT exam.

#Complete the lab manual shared in the class group.

#Complete the assignments of these chapters shared in the class group.

