# IMPERIAL HERITAGE SCHOOL
# SECTOR-102, GURUGRAM

## SESSION 2025-26

# HOLIDAY HOMEWORK

## GRADE XII-COMMERCE

# GRADE XII-COMMERCE HOLIDAY HOMEWORK

**"Learning doesn't take a break, and neither should our curiosity."**

Dear Parents,
Greetings!

At Imperial Heritage School, we believe in nurturing young minds not just during the academic session, but beyond the classroom as well. Holiday homework plays a **pivotal role** in reinforcing classroom learning while encouraging independent exploration. It offers students the chance to engage with subjects at their own pace and reflect creatively on what they've learned.

### 🌿 Why Holiday Homework?

- To maintain continuity in the learning process.
- To apply concepts in real-life scenarios.
- To encourage responsibility, time management, and creativity.
- To foster research, problem-solving, and critical thinking skills.

📂 **Project-Based Learning** Each task or project has been designed in alignment with the **CBSE curriculum framework and guidelines**, ensuring relevance, engagement, and developmental appropriateness. These projects aim to promote a hands-on, practical approach that bridges theory with real-world applications.

### 📝 Evaluation Criteria (Rubrics)

Each subject's Holiday Homework will be evaluated as part of the **Internal Assessment**, based on the following parameters:

| Content | Presentation | Relevance | Creativity | Originality | On time Submission |
|---|---|---|---|---|---|
| | | | | | |

## Smart Tips for Completing Your Holiday Homework

### 📌 Be Original

Let your work reflect your own thoughts and creativity. Avoid copying—originality always stands out!

### 📌 Plan Your Time Wisely

Divide your work across the holiday period to avoid last-minute stress. A little work each day goes a long way!

### 📌 Read Instructions Carefully

Each subject has specific guidelines. Go through them thoroughly before beginning.

### 📌 Neatness Matters

Good handwriting leaves a lasting impression. Ensure your work is clean, well-organized, and legible.

### 📌 Creativity Counts

Add a personal and creative touch to your presentations—be it through design, layout, or illustrations.

📌 **Leisure Reading is a Must**
Take time to read books of your choice. Reading enhances imagination, vocabulary, and comprehension skills.

📌 **Practice Math Daily**
Math requires consistency. Set aside time each day to revise concepts and solve problems—practice makes perfect!

📌 **Parental Guidance Only**
Parents are encouraged to guide, not complete, the assignments. Let students take the lead in their learning. **Outside help will not be accepted and will be given zero.**

📌 **Focus on Quality**
Aim for meaningful and well-researched content. Quality is more important than quantity.

📌 **Remember the Assessment**
Holiday Homework is part of **Subject Enrichment Activities** and will be evaluated as per the defined rubrics.

**Let Curiosity Lead the Way**
*An inspirational poem for our learners:*

**"Learning Beyond the Bell"**

*When the school doors close and bells go mute,*
*Let not your books sit still or roots take root.*
*For in the pause, a spark may rise,*
*To chase new thoughts, to question why.*

*A walk through pages, a curious glance,*
*A project that gives your mind a chance—*
*To think, to build, to dream and do,*
*To craft a world from a different view.*

*With pencil, paint, or words you write,*
*You shape your learning, spark your light.*
*So take this time and make it shine—*
*For growth and joy can intertwine.* 🌟

**Submission Date**: 7th July, 2025
**Note: No work will be accepted after the said date.**

We look forward to seeing the wonderful work our students will create. Let this break be a time to explore, express, and evolve.
Wishing all of you a very joyful, safe and fun packed summer break. Happy Holidays!

Best Regards
Ms. Neelu Sharma
Principal



# ENGLISH

## CBSE ASL BASED PROJECT

**Topic -** Earth vs. Humanity: Echoes of a Broken Bond

**Integrated Chapter –** Journey to the End of the Earth (Vistas)

**Objective -** Creating a project to critically examine the growing conflict between human development and the natural world, analysing how industrialisation, deforestation, pollution, and urban expansion have led to ecological imbalance. Here's a project outline:



Students will listen to podcasts/ interviews/radio or TV documentaries on the given topic and do a thorough research on the same. Prepare a report including surveys, statistical data, graphs etc, countering or agreeing with the speakers in 800 to 1000 words and submit.

Your project file should contain the following details:

**1: Cover page**
- Prepare a creative cover page giving relevant details of your project.

**2: Index**
- Make 3 columns – Serial no, topic, page no.

**3: Statement of Purpose**
- Write down at least five objectives of the given project.

**4: Acknowledgement**
- Sample to be provided by the teacher.

**5: Certificate of Completion**
- Sample to be provided by the teacher.

**6: Action Plan**
- Sample to be provided by the teacher.

**7: Materials Used**
- List down all the materials used by you in making of the project.

**8: Report**
- Report to be written in approx.1000 words.

**9: Student Reflections**
- Share your views/conclusion on the given topic, and write the learning outcomes

**10: Evidence of your report**
- Photographs and other pieces of evidence from the research to be pasted.

**11: Bibliography**
- Pen down the sources from where the information was accessed.

**Note:**

1. Make a file of your choice with A4-size sheets only.
2. Sheets can be colourful or plain.
3. Presentation should be neat.
4. The project must showcase your creativity.
5. Student findings should be his/her original work.

## SUGGESTED READING

'Silas Marner' by George Eliot is a long reading text prescribed by CBSE for extensive study. Please find the link below for online reading. Write the summary of the novel in 120-150 words and present it creatively with an illustration. Happy Reading!

https://cbseacademic.nic.in/web_material/doc/novels/1_Silas%20Marner,%20by%20George%20Eliot%20-%20Class%20-%20XII.pdf




## ACCOUNTANCY

The Objectives of Accounting are:

- To Maintain systematic financial records of financial transactions.
- To estimate and ascertain profits and losses.
- Preparing financial reports to assess the financial position.
- To forecast future payments,expenditure and budgets.




One specific project based on **Financial Statement Analysis of a Company** covering any two aspects from the following:

1. Comparative and common size financial statements
2. Accounting Ratios
3. Segment Reports
4. Cash Flow Statements

**Needs to include:**

1. Acknowledgement
2. Certificate
3. Content
   A. Comprehensive Project-
      (a) Journal
      (b) Ledger
      (c) Trial Balance
      (d) Balance sheet
      (e) Accounting Ratio
   B. Specific Project
      (a) Segment analysis of (any company).
      (b) Source Material (Take balance sheet from newspaper or Internet)
      (c) Graphical presentation
4. Cash Flow Statement
5. Conclusion

**Guidelines for Presentation of Project Report**

1. The total length of the project will be 25 to 30 pages.
2. The project should be handwritten.
3. The project should be presented in a neat folder.
4. The project report should be developed in the following sequence:
   - Cover page should include the title of the Project, student information, school and year.
   - List of contents.
   - Acknowledgements and preface (acknowledging the institution, the places visited and the persons who have helped).
   - Introduction. Topic with suitable heading.
   - Planning and activities done during the project, if any.
   - Observations and findings from the Balance sheet of a particular organisation.
   - Conclusions (summarized suggestions or findings, future scope of study).
   - Photographs (if any).
   - Appendix

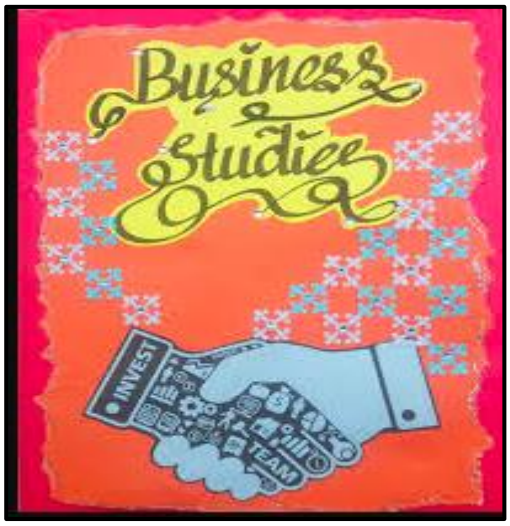
**Marking Scheme**:

| Heading | Marks Allotted |
|---|---|
| Relevance of the topic | 3 |
| Knowledge Content/Research Work | 6 |
| Presentation Technique | 3 |
| Viva-voce | 8 |
| Total | 20 Marks |

# BUSINESS STUDIES

The objectives of the project work are to enable learners to:

- Develop a practical approach by using modern technologies in the field of business and management
- Get an opportunity for exposure to the operational environment in the field of business management and related services
- Inculcate important skills of problem solving, time management, information collection, processing, analysing and synthesizing relevant information to derive meaningful conclusions
- Get involved in the process of research work; demonstrate his or her capabilities while working independently




The students can choose **any one** of the topic from the list given below

1. **Digital Transformation in Retail:**
   - Examine how traditional retail businesses are adapting to digital transformation trends, such as e- commerce platforms, multichannel strategies, and data-driven marketing.

2. **Cryptocurrency: Opportunities and Risks for Businesses:**
   - Investigate the potential benefits and risks of adopting cryptocurrencies as a payment method
   - Investment vehicle for businesses, considering factors like volatility, security, and regulatory concerns.

3. **Impact of COVID-19 on Business Models:**
   - Analyze how the COVID-19 pandemic has affected various industries and business models, including shifts to remote work, e-learning, telemedicine, and digitalization of services.

4. **Green Marketing Strategies:**
   - Investigate how companies incorporate green marketing strategies to promote environmentally friendly products, reduce carbon footprint, and enhance brand reputation in the era of climate change awareness.

5. **Innovations in Retail Technology:**
   - Investigate innovative retail technologies, such as augmented reality (AR), virtual reality (VR), cashless stores, and personalized recommendation algorithms
   - assess their impact on customer engagement, sales conversion, and retail trends.

6. **Event Planning and Management:**
   - Plan and organize an event, such as a conference, seminar, cultural festival, or sports tournament, from conception to execution,
   - covering aspects like budgeting, scheduling, venue selection, logistics, marketing, and stakeholder coordination.

7. **Marketing:**

- Identify one product/service which you would like to manufacture/provide
- Make a project on the identified product/service keeping in mind the following:

1. Why have they selected this product/service?
2. Find out '5' competitive brands that exist in the market.
3. What permission and licences would be required to make the product?
4. What are your competitors' Unique Selling Propositions?[U.S.P.]?
5. Does your product have any range of details?
6. What is the name of your product?
7. Enlist its features.
8. Draw the 'Label' of your product.
9. Draw a logo for your product.
10. Draft a tagline.
11. What is the selling price of your competitor's product? (i) Selling price to consumer (ii) Selling price to retailer (iii) Selling price to wholesaler What is the profit margin in percentage to the Manufacturer. Wholesaler. Retailer.
12. How will your product be packaged?
13. Which channel of distribution are you going to use? Give reasons for selection?
14. Decisions related to warehousing, state reasons.
15. What is going to be your selling price? (i) To consumer (ii) To retailer (iii) To wholesaler
16. List 5 ways of promoting your product.
17. Any schemes for (i) The wholesaler (ii) The retailer (iii) The consumer
18. What is going to be your 'U.S.P?
19. What means of transport will you use and why?
20. Draft a social message for your label.
21. What cost effective techniques will you follow for your product?
22. What cost effective techniques will you follow for your promotion plan?

**(A prototype of the product would be made by the students)**

8. **Principles of Management:**

- The students are required to visit any one of the following:
  1. A departmental store.
  2. An Industrial unit.
  3. A fast food outlet.

The students are required to observe the application of the general Principles of management advocated by Fayol.

Fayol's principles 1. Division of work. 2. Unity of command. 3. Unity of direction. 4. Scalar chain 5. Esprit de corps 6. Fair remuneration to all. 7. Order. 8. Equity. 9. Discipline 10. Subordination of individual interest to general interest. 11. Initiative. 12. Centralisation and decentralisation. 13. Stability of tenure. 14. Authority and Responsibility

**Guidelines for Presentation of Project Report**

1. 5. The total length of the project will be 25 to 30 pages.
2. The project should be handwritten.
3. The project should be presented in a neat folder.
4. The project report should be developed in the following sequence:

- Cover page should include the title of the Project, student information, school and year.
- List of contents.
- Acknowledgements and preface (acknowledging the institution, the places visited and the persons who have helped).
- Introduction. Topic with suitable heading.

- Planning and activities done during the project, if any.
- Observations and findings of the visit.
- Conclusions (summarized suggestions or findings, future scope of study).
- Photographs (if any).
- Appendix

**Marking Scheme**:

| Heading | Marks Allotted |
|---|---|
| Relevance of the topic | 3 |
| Knowledge Content/Research Work | 6 |
| Presentation Technique | 3 |
| Viva-voce | 8 |
| **Total** | **20 Marks** |

## SOCIOLOGY




**Objectives:**

- To understand key sociological concepts such as social stratification, social institutions, and cultural norms.
- To analyze real-world issues (e.g., unemployment, gender stereotyping, youth culture) through a sociological lens.
- To develop critical thinking skills by questioning assumptions and exploring multiple perspectives on social issues.
- To enhance research abilities through data collection, interpretation of secondary sources, and hypothesis formulation.
- To apply theoretical knowledge to current social phenomena, demonstrating the relevance of sociology in everyday life.
- To improve written communication by organizing ideas logically and presenting them clearly in a structured project file.
- To identify and evaluate reliable sources of information for academic research.

- To strengthen visual presentation skills using mind maps, timelines, charts, and images to support analysis.
- To encourage ethical awareness and sensitivity to social diversity, inequality, and justice.
- To foster independent learning and time management by completing a self-directed research project over the holidays.

**CBSE Projects**

To prepare a project on **any one** topic from the following list:

1. Social Media and Its Emerging Role in Modern Crime
2. The Role of Education in Promoting Social Mobility
3. Gender Stereotyping in Society and the Workplace
4. Understanding Social Stratification and Its Implications
5. Globalization and Its Influence on Youth Culture
6. The Role of Social Institutions in Shaping Society
7. The Influence of Religion on Values and Belief Systems
8. Rising Unemployment in India as a Sociological Concern

**Steps involved in the conduct of the project:**

1. Selection of Topic or Title
2. Rationale and Objectives of the Study
3. Formulation of Hypothesis
4. Content Development: Timelines, Mind Maps, Visuals, etc.
5. Organization of Material and Data
6. Presentation of Material and Data
7. Analysis and Interpretation of Data
8. Conclusion and Summary of Findings
9. Bibliography and References

**Checklist for the project work:**

- Introduction of topic/title
- Identifying the causes, events, consequences and/or remedies
- Various stakeholders and effect on each of them
- Advantages and disadvantages of situations or issues identified
- Short-term and long-term implications of strategies suggested during research
- Validity, reliability, appropriateness, and relevance of data used for research work and for presentation in the project file
- Presentation and writing that is succinct and coherent in project file
- Citation of the materials referred to, in the file in footnotes, resources section, bibliography etc.

## Assessment of project work

| Assessment Rubrics | Marks |
|---|---|
| Introduction | 2 |
| Statement of Purpose | 2 |
| Research Question | 2 |
| Methodology | 3 |
| Data Analysis | 4 |
| External/ Internal Viva based on the project | 5 |
| **Total** | **20** |

# PHYSICAL EDUCATION

**The students are supposed to make a project file as per the details given below.**

**Instructions:**

This project needs to be on one-sided ruled paper and the other side of the plain paper, A4 size. White or coloured sheets.

- These need to be compiled in a single file of at least 35-40 pages with spiral binding.
- The cover page/first page of the practical file should be printed in a design of your choice.
- Keep it colourful but not too flashy - clean and professional looks best.

**First page: Cover page of the project:**

- Title (like "Physical Education Practical File-048)
- Session (academic year)
- School Name
- Your Name
- Class and Section
- Roll No.(Class XII student will write only the board roll no)

**Second page:** Index

**Third Page:** Acknowledgement

**Last Page: Conclusion, Bibliography and** Certificate

**Inside the file Topic:**

- Write all fitness test administrations with details, including pictures (SAI Khelo India test/H.P.E. Tests)
- Write the procedure for Asanas, Benefits. And contraindications for any two Asanas for each lifestyle disease with picture or stick diagram (2x5=10, At least 10).
- Write to anyone, the IOA (Indian Olympic Association), sports/games of your choice. Labelled diagram of field and equipment. Also, mention its rules, terminologies and skills.

# ECONOMICS




**Project (Option One) : What's Going Around Us**

The purpose of this project is to –

• Enable the student to understand the scope and repercussions of various Economic events and happenings taking place around the country and the world. (eg. The Dynamics of the Goods & Services Tax and likely impacts on the Indian Economy or the Economics behind the Demonetisation of 500 and 1000 Rupee Notes and the Short Run and Long Run impact on the Indian Economy or The impact of BREXIT from the European Union etc.)

• Provide an opportunity to the learner to develop economic reasoning and acquire analytical skills to observe and understand economic events.

• Make students aware about the different economic developments taking place in the country and across the world.

• Develop the understanding that there can be more than one view on any economic issues and to develop the skill to argue logically with reasoning.

• Compare the efficacy of economic policies and their respective implementations in real world situations and analyse the impact of Economic Policies on the lives of common people.

• Provide an opportunity to the learner to explore various economic issues both from his/her day to day life and also issues which are of broader perspective.

**Scope of the project:**

Student may work upon the following lines:

• Introduction

• Details of the topic

• Pros and Cons of the economic event/happening

• Major criticism related to the topic (if any)

• Students' own views/perception/ opinion and learning from the work

• Conducting survey and presenting the same in form of diagrams

• Any other valid idea as per the perceived notion of the student who is actually working and presenting the Project-Work.

**Suggestive List**

1. Micro and small scale industries
2. Food supply channel in India
3. Contemporary employment situation in India
4. Disinvestment policy
5. Health expenditure (of any state)
6. Goods and Services Tax Act
7. Inclusive growth strategy
8. Human Development Index
9. Self help groups
10. Any other topic

**II. Project (Option Two): Analyse any concept from the syllabus**.

The purpose of this project is to –

• Develop interest of the students in the concepts of Economic theory and application of the concept to real life situations.

• Provide opportunity to the learners to develop economic reasoning vis-a-vis the given concept from the syllabus.

• Enable the students to understand abstract ideas, exercise the power of thinking and to develop his/her own perception

• To develop the understanding that there can be more than one view on any economic issue and to develop the skill to argue logically with reasoning

• Compare the efficacy of economic policies in real world situations

• To expose the student to the rigour of the discipline of economics in a systematic way

• Impact of Economic Theory/ Principles and concepts on the lives of common people

**Scope of the project:**

Following essentials are required to be fulfilled in the project.

Explanation of the concept:

• Meaning and Definition

• Application of the concept

• Diagrammatic Explanation (if any)

• Numerical Explanation related to the concept etc. (if any)

• Students' own views/perception/ opinion and learning from the topic.

**Suggested List**

• Waste Management in India – Need of the hour
• Minimum Wage Rate – approach and Application
• Digital India- Step towards the future
• Rain Water Harvesting – a solution to water crises
• Vertical Farming – an alternate way

• Silk Route- Revival of the past
• Make in India – The way ahead Bumper Production- Boon or Bane for the farmer
• Rise of Concrete Jungle- Trend Analysis
• Organic Farming – Back to the Nature
• Any other newspaper article and its evaluation on basis of economic principles

**Marking Scheme :**

Marks are suggested to be given as –

| S. No. | Heading | Marks Allotted |
|---|---|---|
| 1. | Relevance of the topic | 3 |
| 2. | Knowledge Content/Research Work | 6 |
| 3. | Presentation Technique | 3 |
| 4. | Viva-voce | 8 |
| | Total | 20 Marks |

Mode of presentation and submission of the Project: At the end of the stipulated term, each student will present the work in the Project File (with viva voce) to the examiner.

# MATHEMATICS

**PART A - Write the following Math activities in your Practical file.**

1. Verify that the relation R in the set L of all lines in a plane, defined by R = {(l, m) : l ⊥ m} is symmetric but neither reflexive nor transitive.
2. Demonstrate a function which is not one-one but is onto.
3. Find analytically the limit of a function $f(x)$ at $x = c$ and also to check the continuity of the function at that point.
4. Draw the graph of $\sin^{-1}x$ using the graph of sin x and demonstrate the concept of mirror reflection (about the line y = x).

**PART B - Attempt the following project. (USE A4 size sheets).**

1. Inverse Trigonometric Functions: Plot the graphs of trigonometric functions and identify the principal value branches to define the inverse trigonometric functions.

**Guidelines to be followed for the project:**

i) Cover page
ii) Title
iii) Definition and types
iv) Objectives
iv) Principal value domain and range and properties of ITF
v) Represent with graphs and pictures.

**PART C**

1. Do all examples of Chapters 1, 2, 3 and 4.
2. Do 20 questions daily of chapters 1, 2, 3 and 4 from NCERT Exemplar and other reference books.

# COMPUTER SCIENCE

1. Report file:
   - Minimum 15 Python programs.
   - SQL Queries – Minimum 5 sets using one table / two tables.
   - Minimum 4 programs based on Python – SQL connectivity.
   - Create the documentation in MS Word for the final project based on Python and SQL.




**Guidelines**:

The Project File should contain proper cover page and Index. (You can use MS Word for your documentation).

2. Daily practice 5 programs of Python and maintain a word doc for the same and to be uploaded on MS Teams.

3. **Project:** The aim of the class project is to create something that is tangible and useful using Python file handling/ Python-SQL connectivity. This should be done individually and should be started by students at least 6 months before the submission deadline.
The aim here is to find a real-world problem that is worthwhile to solve. Students are encouraged to visit local businesses and ask them about the problems that they are facing.
For example, if a business is finding it hard to create invoices for filing GST claims, then students can do a project that takes the raw data (list of transactions), groups the transactions by category, accounts for the GST tax rates, and creates invoices in the appropriate format. Students can be extremely creative here. They can use a wide variety of Python libraries to create user friendly applications such as games, software for their school, software for their disabled fellow students, and mobile applications, of course to do some of these projects, some additional learning is required; this should be encouraged. Students should know how to teach themselves. The students should be sensitized to avoid plagiarism and violations of copyright issues while working on projects.

# ARTIFICIAL INTELLIGENCE

1. **Practical File:**
   The following are to be included in the Practical File
   (a) Minimum 6 programs of Python.
   (b) Minimum 3 programs using Orange Data Mining tool.
   (c) Minimum 1 problem to create a Data Story using all steps of Data Storytelling.

   Optional Programs- for practical File
   ● Demonstration of train-test split in Linear Regression using Python.
   ● Chatbot using Google Gemini API. ● Orange Data Mining for Data Analytics.
   ● Classification problem using TensorFlow playground.
   ● Regression problem using TensorFlow playground. (snapshots to be attached)




2. **Capstone Project:**

   Capstone Project Guidelines:
   ● The project should be aligned with any of the SDGs.
   ● Students will complete their Capstone Project in Class XII and complete the project documentation.
   ● Video of the Capstone Project should be exactly of 3 minutes duration.

- Note: Python or No code/low code platforms like Orange Data Mining tool can be chosen by the students for developing their Capstone Projects.
- The video will have the following components:
    a. Problem statement
    b. To which SDG the project is aligned to
    c. AI concept/domains/algorithms used
    d. Working of the project
    e. Conclusion
    f. Acknowledgement to the teacher

Please refer to the Project guidelines of CBSE-IBM AI PROJECT COOKBOOK (Page -2)

**https://cbseacademic.nic.in/web_material/Curriculum25/publication/srsec/843_AI_Projects_Cookbook.pdf**

***"A little more persistence, a little more effort and what seemed hopeless failure may turn to glorious success."***
***—Elbert Hubbard***