

HOLIDAY HOME WORK 2026-27(COMM & HUM)

CLASS 12

ENGLISH

Instructions:

- **Presentation:** Neatly handwritten. Use proper formatting and headings.
- **Creativity:** Add relevant pictures, charts, and newspaper clippings.
- **Submission:** Compile all the work in one file with a cover page (*Name, Class, Section, Roll No.*).
- **Word Limit:** Follow the prescribed limit for clarity and precision.

Focus: Your work should reflect original thinking, analysis, and personal reflection.

1. The Last Lesson – Research Project

Topic: Are Regional Languages Slowly Disappearing?

Research how regional and mother-tongue languages are losing importance in modern society due to the growing dominance of English and technology.

Prepare a short project (approx. 200–250 words) explaining: Why people hesitate to speak their mother tongue. How language is connected to culture, identity, and patriotism. The impact of globalization and social status on language preference. **Activities:** Conduct a small survey among students and parents regarding language preference at home and school. Interview grandparents or elders about changes in language usage over time. Collect examples of local words or dialects that are disappearing. **Include:** Survey charts/graphs Newspaper clippings related to endangered languages

Quotes on language and culture Practical solutions to preserve regional languages

Lost Spring – Research Project

Topic: Children Without Childhood

Research the condition of underprivileged children who are forced to work instead of attending school.

Prepare a short project (approx. 200–250 words) explaining: Causes of child labour and poverty. Difference between the lives of privileged and underprivileged children. How education can help break the cycle of poverty. **Activities:** Conduct a case study or interview with a worker/helper/vendor. Research government schemes and NGOs working against child labour. Compare the daily routine of a working child and a school-going child. **Include:** Poverty cycle chart Child labour statistics Awareness slogans/posters Reflection on the importance of equal opportunities

2. Keeping Quiet – Research Project

Topic: Silence in the Age of Noise

Research how excessive use of technology, social media, and busy lifestyles are increasing stress and reducing inner peace in modern life.

Prepare a short project (approx. 200–250 words) explaining: Causes of mental exhaustion and lack of peace. Importance of silence, mindfulness, and self-reflection. How silence can improve emotional well-being and relationships. **Activities:** Conduct a digital detox activity for 1–2 hours and record your observations. Survey students on daily screen time and stress levels. Observe the effect of silence and reduced gadget use on concentration and mood. **Include:** Screen time graphs/charts, Observation journal, Mindfulness tips, Quotes and images related to peace and calmness

ACCOUNTANCY

Chapter 1: Fundamentals of Partnership

Instructions:

1. Practice all questions from the chapter "Fundamentals of Partnership".
2. Solve numerical problems and theoretical questions.
3. Ensure you understand the following key concepts:
 - Partnership: features and Partnership Deed.
 - Provisions of the Indian Partnership Act, 1932 in the absence of Partnership Deed.
 - Fixed vs fluctuating capital accounts.
 - Preparation of Profit and Loss Appropriation Account and division of profit among partners.
 - Past adjustments relating to interest on capital, drawings, salary and profit-sharing ratio.

Note: Complete the work neatly in your holiday homework notebook/file and revise all concepts thoroughly.

BUSINESS STUDIES

The students should select a place of field visit from the following (**any one**): –

- a) Visit to a Handicraft unit.
- b) Visit to a Whole sale market (vegetables, fruits, flowers, grains, garments, etc.)
- c) Visit to a Departmental store
- d) An Industrial unit.
- e) Any other organisation approved by the teacher.

They 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. Espirit de corps 6. Fair remuneration to all. 7. Order. 8. Equity. 9. Discipline
10. Subordination of individual interest to general interest. 11. Initiative. 12.
Centralization and Decentralisation. 13. Stability of tenure. 14. Authority and
Responsibility

OR

They may enquire into the application of scientific management techniques by F.W. Taylor in the unit visited.

Scientific techniques of management.

1. Functional foremanship. 2. Standardisation and simplification of work. 3.
Method study. 4. Motion Study. 5. Time Study. 6. Fatigue Study 7. Differential
piece rate plan.

Following essentials are required to be fulfilled for its preparation and submission.

- a) The total project will be in a file format (A4 size, in portrait orientation), consisting of the student's observation of the place supported by pictures and other proofs.
- b) The project will be handwritten supported by evidences in the form of pictures .
- c) The project will be presented in a neat folder.
- d) The project report will be developed in the following sequence:
 - Cover page should project the title, student information, school and year.
 - List of contents.
 - Acknowledgements and preface (acknowledging the institution, the news papers read, T.V. channels viewed, places visited and persons who have helped).
 - Introduction. Topic with suitable heading etc.
 - With every aspect of observation as outlined above shown, presented and observations as supported by evidences.

ECONOMICS

Students should check various project topics suggested by CBSE in class 12th curriculum. Select a topic for the project work and complete the writing part. Students should be taking care of following points:

- Introduction of topic/title. (Any topic given in CBSE curriculum can be selected but prior approval of the topic is must)
- Identifying the causes, consequences and/or remedies.
- Various stakeholders and effects on each of them.

- Advantages and disadvantages of situations or issues identified.
- Short-term and long-term implications of economic strategies suggested in the course of 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 the project file.

APPLIED MATHS

Do a project in Excel based on the following topics (Any one project of your choice).

- Use of prime numbers in coding and decoding of messages.
- Prime numbers and divisibility rules
- Logarithms for financial calculations such as interest, present value, future value, profit/loss etc. with large values)
- The cardinality of a set and orders of infinity.
- Comparing sets of Natural numbers, rational numbers, real numbers, and others.
- Use of Venn diagram in solving practical problems.
- Fibonacci sequence: Its' history and presence in nature
- Testing the validity of mathematical statements and framing truth tables
- Investigating Graphs of functions for their properties
- Visit the census site of India. Depict the information given there in a pictorial form.
- Prepare a questionnaire to collect information about money spent by your friends in a month on activities like travelling, movies, recharging of the mobiles, etc. and draw interesting conclusions.
- Check out the local newspaper and cut out examples of information depicted by graphs. Draw your own conclusions from the graph and compare it with the analysis given in the report.
- Analysis of population migration data – positive and negative influence on urbanization.
- Each day newspaper tells us about the maximum temperature, minimum temperature, and humidity. Collect the data for a period of 30 days and represent it graphically. Compare it with the data available for the same time - period for the previous year.
- Analysis of career graph of a cricketer (batting average for a batsman and bowling average for a bowler). Conclude the best year of his career. It may be extended for other players also – tennis, badminton, athlete.
- Vehicle registration data – correlating with pollution and the number of accidents.
- Visit a village near Delhi and collect data of various crops over the past few years from the farmers. Also, collect data about temperature variation and rain over the period for a particular crop. Try to find the effect of temperature and rain variations on various crops.
- Choose any week of your ongoing semester. Collect data for the past 10 – 15 years of the amount of rainfall received in Delhi during that week. Predict the amount of rainfall for the current year.

- Weather prediction (prediction of monsoon from past data)
- Visit Kirana shops near your home and collect the data regarding the sales of certain commodities over a month. Try to figure out the stock of a particular commodity which should be in the store in order to maximize the profit.
- Stock price movement
- Risk assessments by insurance firms from data.
- Predicting stock market crash.
- Predicting the outcome of an election – exit polls.
- Predicting mortality of infants

Note

- **It is a sample list of projects. You can do any innovative projects other than the listed projects.**
- **Project should be made in Microsoft excel or Google spread sheet.**

HISTORY

Complete your project file work that was discussed in the classroom. Follow the steps given below while preparing your project:

Choose a suitable title/topic.

Explain the need and objective of the study.

State the hypothesis.

Include content such as timeline, maps, mind maps, pictures, etc., and organize the material/data properly.

Analyze the material/data for conclusion.

Draw a relevant conclusion.

Add a bibliography.

GEOGRAPHY:

Complete your practical file (Chapter 1,2 & 3). Follow the guidelines given below:

1. A practical file must be prepared covering all the topics prescribed in the practical syllabus.
3. The file should be completely handwritten and must include a cover page, index page, and acknowledgment.
4. All practical work should be drawn neatly with appropriate headings, scale, and index. Data may be taken from the NCERT textbook.
5. Ensure that all the work is done neatly and systematically.

PSYCHOLOGY

Prepare a project file on a small study (Case study) that must involve different methods of enquiry like survey, interview, and observation, psychological testing related to any Psychological Disorder.

Project Blueprint

Title page, Acknowledgment, Certificate, Abstract (1 page) , Table of Contents (1 Page)
Introduction (of the topic) (2 pages) , Rationale (1 page) , Methodology (3-4 pages)
Statement of the problem, Objective of the study, Hypothesis, Operational definition of the variables, Sample selection and criteria, Tools for data collection (with their description)
Procedure for data collection, Result (1 page) , Interpretation of profile cases (1 page) ,
Conclusion (1 page) , Reference (1 page) , Appendix (Data collected sample)

Further instructions:

- Maximum pages allowed- 20 pages.
- Must be a cardboard vertical file. Plastic files are strictly prohibited.
- Make project files of the assigned topics in class.
- File should be of A-4 size.
- Should be covered with maroon colour sheet.
- Should be of 20-25 pages.
- Sequence of the content should be – cover page- acknowledgement – certificate - index- introduction of the topic- conclusion – bibliography.
- Students can use colorful pages and colorful pens.

INFORMATION PRACTICES

Instructions: - Attempt given questions in Lab Manual

Q1. Write a Python program to create a DataFrame for employee details containing Employee Name, Salary and Department. Then perform the following operations: (6 Marks)

1. Display complete DataFrame
2. Display employees whose salary is greater than 50000
3. Add a new column named Bonus with value equal to 10% of salary
4. Display only Name and Bonus columns
5. Display shape of DataFrame
6. Display column names
7. Display last 2 records using suitable function
8. Delete a column named "Salary".

Q2. Create a Series using dictionary data given below:

RollNo	Marks
101	78
102	88
103	91
104	66
101	78

Perform the following operations

1. Create the Series.
2. Display only marks greater than 80.
3. Display 2nd Row.
4. Add 105 and 70 as new Row.
5. Change 91 to 99.

Q3. Write a Python program to create the following DataFrame and perform the tasks given below:

Product	Price	Quantity
Pen	7	20
Pencil	9	10
Eraser	5	5

Perform the following operations

1. Display only Product and Price columns.
2. Display records where Quantity > 60.
3. Add a new column named Total = Price × Quantity.

ARTIFICIAL INTELLIGENCE

PROJECT WORK

Project Title Options:

1. Student Performance Analysis using AI
 2. Customer Purchase Prediction
 3. Disease Prediction using Basic Data
 4. Social Media Sentiment Analysis
 5. Loan Approval Prediction System
- Other than you can choose any project title from 17 SDG Goals.

Project Structure (to be followed by students)

1. **Introduction**
 - Problem definition
 - Objective
2. **Data Collection**
 - Source of dataset (CSV / Excel)
3. **Data Preprocessing**
 - Handling missing values
 - Removing duplicates
4. **Exploration (EDA)**
 - Graphs / charts
5. **Model Building (in Orange)**
 - Classification / Prediction
6. **Result & Conclusion**

- Accuracy
- Observations

7. Future Scope

Important Questions:

- What is AI?
- Supervised vs Unsupervised Learning
- What is Classification?
- What is Data Preprocessing?
- What is Accuracy?

ORANGE DATA MINING EXPERIMENTS

Experiment 1: Load and Explore Data



Objective:

Understand dataset using Orange.

Steps:

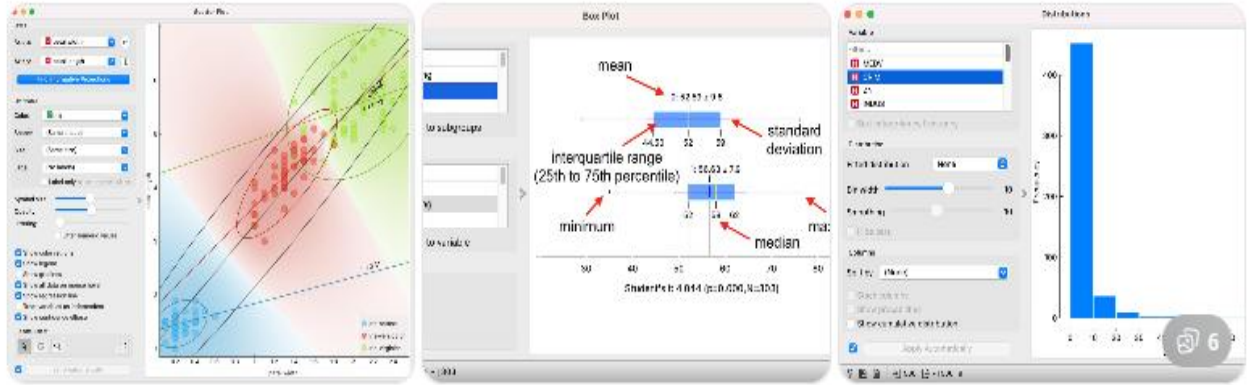
1. Open **Orange Data Mining**
2. Click on **New Workflow**
3. From the left panel, drag **File Widget** to workspace
4. Double-click File widget
5. Click **Browse** and select your dataset (.csv file)
6. Drag **Data Table Widget**
7. Connect:
 - File → Data Table
8. Click Data Table to view:
 - Number of rows
 - Number of columns
 - Attribute names

Result

Dataset is successfully loaded and displayed.

Experiment 2: Data Visualization

- Use Scatter Plot, Box Plot, Histogram



- Use the same workflow from Experiment 1
- Add following widgets:
 - **Scatter Plot**
 - **Histogram**
 - **Box Plot**
- Connect:
 - File → Scatter Plot
 - File → Histogram
 - File → Box Plot
- Open each widget:
 - Select variables for X and Y axis (Scatter Plot)
 - Observe data distribution (Histogram)
 - Identify outliers (Box Plot)

Experiment 3: Classification Model



- Use Logistic Regression, Naive Bayes
- Connect to Test & Score

Objective:

Build prediction model.

Steps:

1. Add widgets:
 - **File**
 - **Logistic Regression**
 - **Naive Bayes**
 - **Test & Score**
2. Connect:
 - File → Logistic Regression
 - File → Naive Bayes
 - Logistic Regression → Test & Score
 - Naive Bayes → Test & Score
 - File → Test & Score
3. Open **Test & Score**
4. Select:
 - Cross Validation (default)
5. Observe:
 - Accuracy
 - Precision
 - Recall

Result

Model accuracy is displayed and best model identified.

Experiment 4: Clustering



- Use K-Means
 - Visualize clusters
- Objective:**

Group similar data.

Steps:

1. Add widgets:

- **File**
 - **K-Means**
 - **Scatter Plot**
2. Connect:
 - File → K-Means
 - K-Means → Scatter Plot
 3. Open **K-Means**:
 - Set number of clusters (e.g., 2 or 3)
 4. Open Scatter Plot:
 - Observe colored clusters

Result

Data is grouped into clusters based on similarity.