



St. Francis' Convent Inter College
Jhansi

Holiday Homework

FOR SESSION 2026-27

CLASS XII

English Language Project :

A Personal Travel Diary: Learning Beyond the Classroom

Page 1 Cover Page

Title: A Personal Travel Diary: Learning Beyond the Classroom

Subject: English Literature

Class: XII

Board: ISC

Name: _____

School: _____

Session: 2025–26

Page 2: Certificate

This is to certify that _____ has successfully completed the English Literature project titled "*A Personal Travel Diary: Learning Beyond the Classroom*" under my guidance.

Teacher's Signature: _____

Date: _____

Page 3: Acknowledgement

I express my sincere gratitude to my English teacher for guiding me throughout this project. I also thank my school for giving me the opportunity to explore learning through travel. This project has helped me understand how real-life experiences contribute to personal growth.



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Page 4: Index

1. Introduction
2. Objectives of the Project
3. Importance of Travel Learning
4. About the Destination
5. Preparation for the Journey
6. Day 1
7. Day 2
8. Day 3
9. Day 4
10. Day 5
11. Memorable Experiences
12. Cultural Observations
13. Language and Communication
14. Challenges Faced
15. Problem-Solving Skills
16. Personal Growth
17. Skills Developed
18. Emotional Reflection
19. Comparison: Classroom vs Travel Learning
20. Values Learned
21. Impact on Personality
22. Final Reflection
23. Conclusion
24. Bibliography

Introduction

Travel is one of the most effective ways of learning. It allows individuals to experience new environments, cultures, and lifestyles. Unlike classroom learning, travel provides practical exposure and real-life understanding.

A travel diary helps in recording thoughts, observations, and emotions. It becomes a reflection of personal growth and learning.



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Objectives of the Project

- To understand learning beyond textbooks
- To observe cultural diversity
- To improve communication skills
- To develop confidence and independence

Importance of Travel Learning

Travel helps in:

- Broadening perspective
- Developing adaptability
- Understanding real-world situations

Travel is a practical form of education.

About the Destination

(Write about your chosen place—example: Jhansi, Goa, etc.)

- Location
- Importance
- Famous attractions

Preparation for the Journey

- Packing essentials
- Planning itinerary
- Booking tickets

Day 1 – Arrival

- First impressions
- Environment
- Feelings



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Day 2 – Exploration

- Visit places
- Observe culture
- Try food

Day 3 – Learning

- Interaction with people
- Understanding traditions
- New experiences

Day 4 – Deep Exploration

- Visit more places
- Learn history
- Observe lifestyle

Day 5 – Reflection

- Think about journey
- Lessons learned

Memorable Experiences

- Special moments
- Unique events
- Emotional highlights

Cultural Observations

- Food habits
- Traditions
- Lifestyle differences

Language and Communication

- Interaction with locals



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- Language barriers
- Importance of communication

Challenges Faced

- Travel difficulties
- Communication issues
- Adjustments

Problem-Solving Skills

- How challenges were handled
- Learning from situations

Personal Growth

- Increased confidence
- Better understanding
- Independence

Skills Developed

- Communication
- Observation
- Adaptability

Emotional Reflection

- Feelings during journey
- Personal thoughts

Classroom vs Travel Learning

Classroom	Travel
Theoretical	Practical
Limited	Experiential

Values Learned

- Respect
- Patience
- Understanding diversity



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Impact on Personality & Conclusion

Travel changed my perspective and helped me grow. It taught me valuable life lessons and improved my confidence.

Travel is not just about visiting places—it is about learning and growing.

Bibliography

- Personal experiences
- Books
- Internet resources

English Literature Project:

Page 1: Cover Page

Title: Hospitality as Freedom: A Critical Study of *Atithi*

Subject: English Literature

Class: XII

Board: ISC

Name: _____

School: _____

Session: 2025–26

Page 2: Certificate

This is to certify that _____ has successfully completed the English Literature project titled "*Hospitality as Freedom: A Critical Study of Atithi*" under my guidance.

Teacher's Signature: _____

Date: _____



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Page 3: Acknowledgement

I would like to express my sincere gratitude to my English teacher for guidance and support throughout this project. This study helped me understand how literature reflects human values and philosophical ideas. I also thank my school for providing me with this opportunity to explore the deeper meaning of hospitality.

Page 4: Index

1. Introduction
2. About the Author
3. About the Text
4. Brief Context
5. Theme of Hospitality
6. Central Conflict: Freedom vs Attachment
7. Character Analysis: Tarapada
8. The Family's Perspective
9. Critical Analysis
10. Philosophical Interpretation
11. Atithi Devo Bhava – A Reinterpretation
12. Literary Techniques
13. Relevance in Modern Life
14. Conclusion
15. Bibliography

TOPIC 1

Hospitality as Freedom: A Critical Study of 'Atithi'

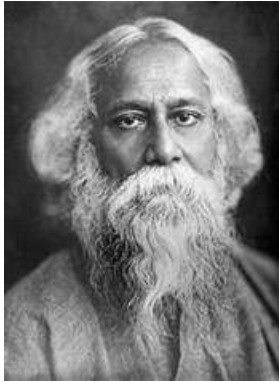
Introduction

About the Author



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About the Text

Brief Context.

Theme of Hospitality

Central Conflict – Freedom vs Attachment



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Character Analysis – Tarapada

The Family's Perspective

Critical Analysis

Philosophical Interpretation



Atithi Devo Bhava – A Reinterpretation

Literary Techniques

Relevance in Modern Life

Conclusion

TOPIC 2

Isolation as an Internal Conflict: A Critical Analysis of Moral Disintegration in *Macbeth* and Its Reflection in Modern Youth

The Nature of Isolation.

The Genesis of Isolation in Macbeth

Ambition as a Force of Alienation

Guilt and the Intensification of Isolation

Disintegration of Human Relationships

Existential Isolation and the Loss of Meaning

Isolation in Modern Youth – Contemporary Causes

Psychological Consequences in Youth

Comparative Analysis – Macbeth and Modern Youth



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Critical Reflection and Synthesis

Conclusion

Bibliography

- English Literature Textbook
- Works of Rabindranath Tagore
- Internet resources
- Class notes

Hindi :

Hindi Language

1- मुहावरे एवं लोकोक्तियां याद करें ।

2- केशलेश इंडिया

विषय पर 400 शब्दों में निबंध लिखें ।

हिंदी योजना कार्य

कहानीकार -महादेवी वर्मा

कहानी -भक्तिन

निबंध- पुरुषों की अपेक्षा महिलाएं अच्छी राजनीतिज्ञ होती हैं ।

Hindi literature

पाठ- 6 दासी

पाठ- 7 क्या निराश हुआ जाए?

के प्रश्न उत्तर याद करें ।



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Applied Mathematics:-

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Revise:-

chapter 3- matrices

Chapter 4- Determinants

Project:-

Topic 1 – matrices

Topic 2- correlation between temperature and pressure for month of may year 2025 and 2026

Mathematics:

Topic 1: Functions

Prepare a detailed Mathematics project file on Functions.

The project should include:

1. Introduction to Functions
 - Meaning and definition
 - Real-life applications
2. Function Notation
 - Standard notation
 - Representation using symbols
3. Types of Functions
 - One-One Function
 - Many-One Function
 - Onto Function
 - Into Function
 - Identity Function
 - Constant Function



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- 4. Mapping Diagrams**
 - Neat mapping diagrams for different types of functions
 - 5. Composition of Functions**
 - Definition
 - Method
 - Solved examples
 - 6. Invertible Functions**
 - Definition
 - Properties
 - Conditions for invertibility
 - Finding inverse functions
 - 7. Properties of Functions**
 - Domain, Co-domain, and Range
 - Important properties and conditions
 - 8. Applications and Solved Questions**
 - Solve 5–8 questions based on:
 - Composition of functions
 - Inverse functions
 - Types of functions
 - 9. Important Points / Summary**
 - Key formulas
 - Important observations
 - Short revision notes
-

Topic 2: Probability

Prepare a detailed Mathematics project file on Probability.

The project should include:

- 1. Introduction to Probability**
 - Meaning and importance
- 2. History of Probability**
 - Brief development and mathematicians



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- 3. Basic Terms**
 - Random Experiment
 - Outcome
 - Event
 - Sample Space
 - Equally Likely Events
 - Favourable Outcomes
- 4. Types of Probability**
 - Experimental Probability
 - Theoretical Probability
 - Subjective Probability
- 5. Probability of Events**
 - Tossing coins
 - Rolling dice
 - Drawing cards
 - Real-life examples
- 6. Conditional Probability**
 - Definition
 - Formula
 - Examples
- 7. Independent and Dependent Events**
 - Meaning
 - Difference
 - Solved examples
- 8. Addition and Multiplication Theorems**
 - Formulae
 - Solved questions
- 9. Real-Life Applications**
 - Weather forecasting
 - Insurance
 - Sports
 - Medical studies
 - Business and finance
 - Traffic prediction
- 10. Graphs, Charts, and Illustrations**



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- Use suitable diagrams, tables, or charts
- 11. Important Formulas and Key Points**
- Important formulas and quick revision notes
- 12. Conclusion and Bibliography**
-

General Instructions (For Both Topics)

- The project should be handwritten.
 - Length should be approximately 20–25 pages.
 - Use proper headings, neat diagrams, and good presentation.
 - Include:
 - Cover Page
 - Certificate
 - Acknowledgement
 - Index
 - Bibliography
 - Show all solved examples neatly with proper steps.
 - Submit the project in spiral binding with a transparent front cover.
 - Ensure the work is neatly arranged and completed on time.
-
-

History:

Topic: War and Its Impact on the Modern World

The purpose of this project is to help students understand how wars have shaped political boundaries, economies, societies, and international relations across the world.

Suggested Topics

Choose any one of the following:

Indo-Pak Wars and Their Impact on India



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Russia–Ukraine War and Changing World Order

Nuclear Weapons and Threat to Humanity

Project Format

Your project should include:

1. Cover Page

Include:

Name of the Student

Class & Section

Roll Number

Subject

Topic Name

School Name

2. Certificate

3. Acknowledgement

4. Index

5. Introduction

Write a brief introduction about war and its significance in history.

6. Main Content

The project should contain:

- **Causes of the war**
- **Major events and timeline**
- **Important leaders involved**
- **Effects on society and economy**
- **Impact on common people**
- **Political consequences**



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Conclusion

7. Pictures and Maps

Paste relevant pictures, newspaper cuttings, maps, and diagrams.

Caption every picture neatly.

8. Conclusion

Write your own views about:

Can wars ever solve problems?

How can peace be maintained in the modern world?

9. Bibliography

Mention the names of:

Books referred

Websites used

Articles or newspapers consulted

Political Science:

Acknowledgement

Introduction

Index

Conclusion

Bibliography

Make project on the following topic:-

THE JUDICIARY

- Reason for the selection of the topic



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- What is the need for Judiciary to intervene in the work of Legislature and Executive and other matters of social concerns.
- Why is Judiciary an important organ of a government

Keeping all these points also in mind make a good project cover all the points from book also.

Learn the work given in registers and book of Chapter -1,2,3 and also try to find the answers from the 'Question bank for revision and practise' given at the last.

Psychology:

- Practical 1: Causes and effects of stress among school going children. (Theory and Practical file writing)
- Practical 2: Gender differences (Mothers and daughters) in terms of their attitude towards marriage. (Theory writing and conducting the practical)
- Revision of the chapters taught.

Accountancy :-

Comprehensive Project on Financial Statement Analysis:

- Select two major companies from the same industry (e.g., Reliance Industries vs. Indian Oil or Tata Motors vs. Mahindra & Mahindra).
- Obtain Financial Statements for two consecutive years (e.g., 2023–24 and 2024–25).
- The project must be handwritten on A4-size sheets with neat tables and clear headings.

Part 1: Preparation of Financial Statements.

1. Prepare the Balance Sheet for both companies for the two selected years in the prescribed vertical format.
2. Prepare the Statement of Profit & Loss for both companies for the two selected years.



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Part 2: Tools of Financial Analysis.

1. Comparative Statements:

- Prepare a Comparative Balance Sheet showing absolute change and percentage change.
- Prepare a Comparative Statement of Profit & Loss.

2. Common-Size Statements:

- Prepare a Common-Size Balance Sheet (taking Total Assets/Liabilities as 100).
- Prepare a Common-Size Statement of Profit & Loss (taking Revenue from Operations as 100).

Part 3: Cash Flow Statement.

- Prepare a Cash Flow Statement for one year for selected company, categorized into Operating, Investing, and Financing activities as per AS-3.

Part 4: Ratio Analysis.

Calculate and present the following ratios for both companies for the latest financial year:

- (A) Liquidity Ratios: Current Ratio and Quick Ratio.
- (B) Solvency Ratios: Debt-Equity Ratio (show separate calculation) and Interest Coverage Ratio.
- (C) Activity Ratios: Inventory Turnover Ratio and Debtors Turnover Ratio.
- (D) Profitability Ratios: Gross Profit Ratio, Net Profit Ratio, and Return on Investment (ROI).

Part 5: Comparative Evaluation & Conclusion.

1. Comparison: Compare both companies based on:

- Profitability: Which company generates better returns?
- Financial Stability: Which company has a stronger long-term solvency position?
- Efficiency: Which company manages its assets and inventory more effectively?



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2. **Conclusion:** State which company performs better overall. Provide specific reasons supported by the ratios and statements prepared above.

Important Instructions:

- Include a cover page with student details.
- Certificate and Acknowledgement.
- Add an index (table of contents).
- Maintain proper formatting and neat presentation.
- Add a conclusion and bibliography at the end.

Economics Project:

Do any two topics.

1. Inflation: meaning, types, its impact on common people.
2. Demand: meaning, factors affecting demand, demand for organic products in your locality.
3. Perfect competition: meaning, features, perfect competition in vegetable market.

Homework

1. Learn and revise all the chapters done.

Commerce:

Project:-

Topic 1.

1. Compare marketing strategies adopted by two different companies same industry (FMCG | Telecommunication / media / education industry etc.) keeping in mind the following:

Product mix



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Price Mix

- Place Mix
- Promotion Mix

Topic 2.

2. Collect newspaper/magazine clippings of five cases filed by consumers in the Consumer Court. Find out the rights violated, and the redressal mechanism used. What was the outcome of each case?

Holiday Home work:-

- Revise the covered syllabus.
- Prepare PPT on the chapters taught with proper mind map.
- Find and write the answers of the short questions given at the back of each chapter taught.

Physics:

- Make the project on any one of the following topics:
 1. Nuclear Reactor
 2. Chandryan 3
 3. Magnetic levitation
 4. AC generator, DC motor
 5. Microscope and telescope
- Revise chapter 1,2,3 and 4. Solve the numericals and learn short answers

Chemistry:

- Read chapter 1,2,6 learn the formulas and chemical equations.
- Solve the numericals and questions based on ISC board pattern.
- Complete the practical file.



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PROJECT

Students should prepare a project on any one of the topic given below:

1. Amino acids: Peptides, structure and classification, proteins structure and their role in the growth of living beings.
2. Nucleic acids: DNA and RNA-their structure. Unique nature. Importance in evolution and their characteristic features.
3. Carbohydrates and their metabolism, Blood – haemoglobin and respiration.
4. Vitamins and hormones.
5. Organic chemistry in Nutrition, Food Science and Biotechnology.
6. Chemicals and chemical processes in forensic studies.

Evaluation criteria for Project Work:

Introduction

Content

Analysis/material aid(graph,data,, structure,pie chart, histograms, diagrams etc)

Presentation

Conclusion

Bibliography

Biology:

- **BIOLOGY PROJECT:**
Complete Project as per the guidelines provided by the teacher on any one topic mentioned in the syllabus.
- **HOLIDAY HOMEWORK:**
- Write answers of questions dictated by teacher in the notebook.
- Practical file:



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Write experiments done in the practical file .

- Learn and revise chapter 2, 3,4 ,9 and 10
- Prepare a working/still model of Biology
- Solve board paper of year 2019 , 2023,2024,2025,2026

Computer:

PART A : THEORY

1. Boolean Algebra

2. (a) Computer Hardware Elementary logic gates (NOT, AND, OR,NAND, NOR, XOR, XNOR) and their use in circuits.

(b) Show that NAND and NOR gates are universal by converting some circuits to purely NAND or NOR gates.

(c) Convert any 4 SOP expressions to Canonical SOP and then to Cardinal form.

(d) Convert any 4 POS expressions to Canonical POS and then to Cardinal form.

PART B: JAVA PROGRAMMING (PRACTICAL)

Question 1

Write a program to input and store n integers ($n > 0$) in a single subscripted variable and print each number with its frequency. The output should contain number and its frequency in two different columns.

Question 2

Write a Program in Java to input elements in a 2D square matrix and check whether it is a Lower Triangular Matrix or not.



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Lower Triangular Matrix: A Lower Triangular matrix is a square matrix in which all the entries above the main diagonal [] are zero. The entries below or on the main diagonal must be non zero values.

Enter the size of the matrix: 4

The Matrix is:

5 0 0 0

3 1 0 0

4 9 4 0

6 8 7 2

The Matrix is Lower Triangular

Question 3

Write a program to input 15 integer elements in an array and sort them in ascending order using the bubble sort technique.

Question 4

Write a program to input 15 names elements in an array and sort them in ascending order using the bubble sort technique.

Question 5

Write a program to accept name and total marks of N number of students in two single subscripts array name[] and totalmarks[]. Calculate and print: (i) The average of the total marks obtained by N number of students. [average = (sum of total marks of all the students) / N] (ii) Deviation of each student's total marks with the average. [deviation = total marks of a student – average]

Question 6

Write a program to perform binary search on a list of integers given below, to search for an element input by the user. If it is found, display the element along with its position, otherwise display the message "Search element not found". 5, 7, 9, 11, 15, 20, 30, 45, 89, 97.



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Question 7

Write Java programs for the following:

- Check whether a given string is a Palindrome (e.g., madam)
- Count the number of vowels, consonants, digits, and spaces in a sentence.

Question 8

Input a number and check for an Armstrong Number

Definition: A number is said to be an Armstrong number if the sum of the cubes of its digits is equal to the number itself.

Example: $153 = 1^3 + 5^3 + 3^3 = 1 + 125 + 27 = 153$

Question 9

Write a program in Java to input a sentence in upper case. Assuming A as 1, B as 2, C as 3Z as 26 find and print the potency of every word. Display the word and its potency.

Question 10

Write a program in java to input a sentence and print the longest word in it.

Instructions

- All programs must be written in Java with proper comments.
- Output screenshots or sample runs must be attached for each program.
- Submit handwritten work for Boolean Algebra theory, coding and printed outputs for Java programs.
- Originality will be rewarded; no plagiarism.



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Physical Education :-

SECTION A – CHAPTER WORK

Chapter 1 – Planning in Sports (Sample)

Important Definitions & Key Terms:

Planning, Tournament, Fixture, Knock-out Tournament, League Tournament, Seeding, Bye, Intramurals, Extramurals.

Short Notes (5 Topics):

1. Importance of Planning in Sports
2. Types of Tournaments
3. Knock-out Tournament
4. League Tournament
5. Advantages of Intramurals

10 MCQs with Answers:

1. Planning helps in – (c) Organization
2. Bye is given in – (a) Knock-out
3. League tournament is also called – (b) Round robin
4. Intramurals mean – (a) Within institution
5. Extramurals mean – (b) Between institutions
6. Seeding is used to – (c) Balance competition
7. Planning saves – (a) Time
8. Fixtures are – (b) Match schedules
9. Round robin ensures – (c) All play all
10. Planning reduces – (a) Confusion

Long Answer Questions with Answers:

Q1 Explain importance of planning in sports.

Ans: Planning helps in proper organization, time management and resource utilization.



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Q2 Explain knock-out tournament.

Ans: Team eliminated after one loss.

Q3 Explain league tournament.

Ans: Each team plays every other team.

Q4 Intramural activities benefits.

Ans: Participation, health, teamwork.

Q5 Explain seeding.

Ans: Ranking strong teams to avoid early clash.

Chapter 2 – Sports & Nutrition (Sample)

Important Points:

Balanced diet, nutrients, hydration, carbohydrates, proteins, fats, vitamins, minerals.

Differences:

- 1. Carbohydrates vs Proteins**
- 2. Vitamins vs Minerals**
- 3. Balanced Diet vs Malnutrition**
- 4. Aerobic vs Anaerobic**
- 5. Diet vs Nutrition**

Fill in the Blanks:

- 1. Carbohydrates give energy.**
- 2. Proteins build muscles.**
- 3. Water prevents dehydration.**
- 4. Vitamins protect body.**
- 5. Minerals strengthen bones.**
- 6. Iron prevents anemia.**
- 7. Calcium builds bones.**
- 8. Balanced diet keeps healthy.**
- 9. Glucose gives instant energy.**
- 10. Fiber helps digestion.**

SECTION B – GAMES PROJECT



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Cricket

History & Introduction: Origin and global popularity.

Court/Field Diagram: Draw labeled diagram in notebook.

Players & Officials: Standard team sizes and referees.

Rules & Fouls: Basic rules and penalties.

Skills: Passing, shooting, defending, teamwork.

Decision Based Questions:

- 1. What is foul?**
- 2. When is match stopped?**
- 3. Role of referee?**
- 4. Scoring method?**
- 5. Substitution rule?**

Case Based Questions:

- 1. Player injured situation.**
- 2. Tie match situation.**
- 3. Foul during scoring.**
- 4. Time over situation.**
- 5. Rule violation.**

Tournaments: World Cup, Olympics, National leagues.

Famous Players: Add examples.

Recent Tournaments: Add latest events.

Football

History & Introduction: Origin and global popularity.

Court/Field Diagram: Draw labeled diagram in notebook.

Players & Officials: Standard team sizes and referees.



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Rules & Fouls: Basic rules and penalties.

Skills: Passing, shooting, defending, teamwork.

Decision Based Questions:

1. What is foul?
2. When is match stopped?
3. Role of referee?
4. Scoring method?
5. Substitution rule?

Case Based Questions:

1. Player injured situation.
2. Tie match situation.
3. Foul during scoring.
4. Time over situation.
5. Rule violation.

Tournaments: World Cup, Olympics, National leagues.

Famous Players: Add examples.

Recent Tournaments: Add latest events.

Basketball

History & Introduction: Origin and global popularity.

Court/Field Diagram: Draw labeled diagram in notebook.

Players & Officials: Standard team sizes and referees.

Rules & Fouls: Basic rules and penalties.

Skills: Passing, shooting, defending, teamwork.

Decision Based Questions:

1. What is foul?
2. When is match stopped?
3. Role of referee?



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4. Scoring method?
5. Substitution rule?

Case Based Questions:

1. Player injured situation.
2. Tie match situation.
3. Foul during scoring.
4. Time over situation.
5. Rule violation.

Tournaments: World Cup, Olympics, National leagues.

Famous Players: Add examples.

Recent Tournaments: Add latest events.

ARTS:

Students are required to complete the following holiday homework neatly and creatively. Maintain proper presentation and submit all work on time.

Paper 1: Still Life

You need to complete five pencil sketches of still life subjects. Examples include:

Fruit bowl

Vegetables

Vases

Everyday objects

Paper 2: Nature Study

You need to create five colour paintings based on nature. Subjects may include:

Flowers



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Fruits

Vegetables

Plants

Bunch of flowers

S.U.P.W.

You have to complete two project works neatly and creatively.

General Instructions

Use good quality sheets or drawing file.

Maintain cleanliness and proper presentation.

Write your name, class, and section clearly.

Submit the homework on the given submission date.