



**St. Francis' Convent Inter College**  
**Jhansi**

# **Holiday Homework**

**FOR SESSION 2026-27**

**CLASS XI**

## **English Language:**

**Solve Unit Test Papers (Total English) 2-5**

## **English Literature:**

**Topic 1**

**“Humour, Obedience, and Human Nature: A Critical Study of Advice to Youth”**

**Page 1: Cover Page**

**Page 2: Certificate**

**Page 3: Acknowledgement**

**Page 4: Index**

**Page 5: Introduction**

**Page 6: About the Author**

**About the Essay.**

**Humour as Social Criticism.**

**Mock Advice and Hidden Meaning**

**Obedience and Authority.**

**Moral Contradictions in Society**

**Twain's View of Human Nature**

**Youth and Independent Thinking**

**Satire and Irony in the Essay**



# **Holiday Homework**

**Relevance in Modern Society**

**Personal Interpretation**

**Conclusion**

**Topic 2**

**Macbeth (Acts 1 & 2)**

**“The Corruption of Conscience: Ambition, Guilt, and Moral Disintegration in Macbeth”**

**Central Argument**

**Areas to Analyse**

- 1. The Seeds of Ambition**
- 2. Moral Conflict Before the Crime**
- 3. Lady Macbeth and Psychological Manipulation**
- 4. Guilt and Psychological Breakdown**
- 5. Appearance vs Reality**
- 6. Moral Disintegration**

**Philosophical Dimension**

**Relevance in Modern Society**

**Concluding Insight**

**Bibliography**



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## Holiday Homework

### Hindi Literature:

पाठ-1 पुत्र -प्रेम

पाठ-2 गौरी

के प्रश्न उत्तर याद करें ।

### Hindi Language:

1- मुहावरे एवं लोकोक्तियां याद करें ।

2- युद्ध : समस्या एवं समाधान

विषय पर 400 शब्दों में निबंध लिखें ।

हिंदी योजना कार्य

कहानीकार- सुभद्रा कुमारी चौहान

कहानी -गौरी

निबंध - स्वस्थ शरीर में स्वस्थ मस्तिष्क का वास होता है ।

### Applied Maths:

REVISE CHAPTER 6 - QUADRATIC EQUATIONS

CHAPTER 7 - LINEAR AND QUADRATIC INEQUALITIES

PROJECT



# Holiday Homework

**TOPIC -1 SEQUENCE AND SERIES**

**TOPIC - 2 PROBABILITY**

## Mathematics:

**Topic 1: 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 history and famous mathematicians
- 3. Types of Probability**
  - Experimental Probability
  - Theoretical Probability
  - Subjective Probability
- 4. Important Terms**
  - Experiment
  - Outcome
  - Event
  - Sample Space
  - Favourable Outcomes
  - Equally Likely Events
- 5. Finding Probability of Events**
  - Tossing coins
  - Rolling dice
  - Drawing cards
- 6. Applications of Probability**
  - Weather forecasting
  - Sports and betting
  - Politics and elections
  - Insurance
  - Finance and investing



# Holiday Homework

- Traffic management
- Card games

**7. Conclusion**

**8. Bibliography**

**Topic 2: Sequence and Series**

**Prepare a detailed Mathematics project file on Sequence and Series.**

**The project should include:**

- 1. Introduction**
  - Meaning and importance
- 2. Sequence**
  - Definition
  - Types with examples
- 3. Series**
  - Definition
  - Difference between sequence and series
- 4. Arithmetic Progression (AP)**
  - Definition
  - Common difference
  - Examples
- 5. Geometric Progression (GP)**
  - Definition
  - Common ratio
  - Examples
- 6. Graphs of AP and GP**
- 7. nth Term of AP and GP**
  - Formulae and examples
- 8. General Terms of AP and GP**
- 9. Sum of n Terms**
  - Sum of AP
  - Sum of GP
- 10. Flowchart on  $S_n$**
- 11. Relationship and Difference Between AP and GP**
- 12. Real-Life Applications**



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## Holiday Homework

- Banking
- Population growth
- Finance
- Business
- Daily life examples

13. Conclusion

14. Bibliography

### General Instructions (For Both Topics)

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

### History:

- Introduction.
- Acknowledgement .
- Index.
- Conclusion .
- Bibliography .

### MODERN INDIAN HISTORY

Topic:-

- GANDHIAN NATIONALISM(1916-1922)
- Khilafat Movement and Non Cooperation movement, Rowlatt Act.
- GANDHIAN NATIONALISM(1927-1937)



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## Holiday Homework

- Simon Commission, Lahore Session, Civil Disobedience Movement, Government of India Act, 1935.
- Make notes of chapter 2 find the answers of the Questions given at the back of the chapter 1,2.

### Political Science:

(2026-2027)

- Introduction
- Acknowledgement
- Index
- Conclusion
- Bibliography

Topic 1:-

- UNIPOLAR WORLD
- Meaning of Unilateralism, Case studies
- Iraq-Operation Desert Storm, Operation Iraqi Freedom
- Afghanistan-Operation Enduring Freedom
- India's relations with USA after 1991. Defence and trade relations only

Topic 2:-

- REGIONAL COOPERATION (ANY TWO)
- ASEAN and the European Union, SAARC, BRICS, QUAD
- Aims and Economic achievements only.

### Psychology:

- Practical 1: VAK Model (Theory and Practical file)
- Practical 2: Remembering and Forgetting.

(Theory writing and conducting the practical questionnaire)



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## Holiday Homework

### Accountancy:

**TOPIC 1 - On 1st April, 2022, Dushyant started a business selling refrigerators with a Capital of ₹30,00,000 contributed in cash. Out of this, ₹29,00,000 was deposited into the bank.**

**1-On the same day, he purchased the following assets via bank transfer:**

- Office Equipment: ₹1,50,000
- Furniture: ₹50,000
- Building: ₹25,00,000

**2-Transactions through the bank during the year ended 31st March, 2023:**

- Purchases: ₹18,30,000
- Sales: ₹24,60,000
- Salaries: ₹66,000
- Advertising: ₹9,400
- Telephone: ₹10,200
- Electricity: ₹7,600
- Printing & Stationery: ₹3,600
- Insurance Premium: ₹4,000
- Sundry expenses incurred in cash: ₹22,000

**Other Information:**

1. Salaries paid for 11 months (1 month is outstanding).
2. Outstanding expenses: Telephone ₹1,000 and Electricity ₹800.
3. Closing Stock: Refrigerators ₹3,50,000; Stationery ₹600.
4. Depreciation: Office Equipment & Furniture @ 20% p.a. and building @ 4% p.a.

**You are required to prepare Journal Entries, Ledger Accounts, Trial Balance as at 31<sup>st</sup> March, 2023, Trading and Profit & loss Account for the year ended on 31<sup>st</sup> March,2023 and a Balance Sheet as at that date.**



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## Holiday Homework

**TOPIC 2- From the following ledger balances along with additional information given, prepare Trial Balance and pass Journal entries for adjustments. Also prepare Trading and Profit & Loss Account for the year ending 31st March, 2025 and a Balance Sheet as at that date.**

<b>PARTICULARS</b>	<b>AMOUNT</b>	<b>PARTICULARS</b>	<b>AMOUNT</b>
Trade Expenses	11,000	Drawings	5,000
Furniture	20,000	Cash in Hand	5,000
Creditors	40,000	Debtors	25,000
Capital	1,57,000	Wages	28,000
Plant & Machinery	50,000	Salaries	16,000
Stock on 1-4-2024	10,000	Rent, Rates and Taxes	15,000
Purchases	95,000	Bad Debts	6,000
Sales	1,90,000	Bills Receivable	15,000
Bank Overdraft	45,000	Carriage Inwards	6,000
15% Investments on 1-4-2024	20,000	Bills Payable	21,000
Provision for Doubtful Debts	2,000	Custom Duty on Purchases	16,000



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## Holiday Homework

Advertisement	30,000	Life Insurance Premium	4,000
Interest on Investments	2,000	Land and Building	80,000

### Additional Information:

- (i) Stock on 31-3-2025 was valued at ₹40,000.
- (ii) Included in Debtors are ₹8,000 due from Ram and included in Creditors are ₹6,000 due to Ram.
- (iii) Bills Receivable include a bill of ₹5,000 received from Varun, which has been dishonour-ed.
- (iv) Sales include ₹5,000 for the goods sold on approval basis. Goods are sold at a profit of 25% on cost. Approval was not received upto 31-3-2025.
- (v) Wages include ₹5,000 spent on the erection of machinery.
- (vi) Advertisement include ₹20,000 spent at the time of launching a new product. It is the policy of the business to write off such expenses in 5 years.
- (vii) Create a provision for doubtful debts at 5% on debtors.
- (viii) Prepaid taxes amounted to ₹2,000.
- (ix) Depreciate machinery by 10%.

### Important Instructions:

- The project should be handwritten.
- 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.



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## Holiday Homework

### Economics:

Do any two topics.

1. Start up culture in India .
2. Green economy and sustainable development .
3. Study of unemployment among youth.

Homework

1. Learn and revise all the topics done.

### Business Studies:

Students are required to prepare a Commerce Project based on any two of the following topics.

Topics:

- I. Study of E-commerce Platforms and their Impact on Consumer Behaviour.
- II. Roll of Digital Payments in Modern Business (UPI, Wallets, Net Banking).
- III. Comparative Study of Online Shopping vs Offline Shopping.
- IV. Study of a Local Business Enterprise (Sole Proprietorship/Partnership).
- V. Role of Social Media in E-Business Promotion.
- VI. Study of Q-Commerce (Quick Commerce) and Its Growth in India.

Important Instructions:

- The project should be handwritten.
- Include a cover page with student details.
- Certificate and Acknowledgement.
- Add an index (table of contents).



# Holiday Homework

- Introduction, Main Body (Project Details/Activities)
- Use relevant pictures, charts, and case studies.
- Maintain proper formatting and neat presentation.
- Add a conclusion and bibliography at the end.

## Physics:

### PROJECT

- Make project on any one of the following topics:
  1. Work of five Indian scientists
  2. Gravitation
- Revise chapter 1 and 2 and solve the numericals.

## Chemistry:

### PROJECT

1. Read and learn the chapters taught.

2. Solve the numericals of chapter-1 and complete the notes on Periodic table and properties.

Complete the practical file.

PROJECT- Prepare the project on the topics given .

## Biology:

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:



# Holiday Homework

Write experiments done in the practical file .

- Learn and revise chapter 1, 10,16 and 19.
- Prepare a working/still model of Biology .

## Computer Project Work:

**Q1. What are the two major types of programming languages?**

**Q2. What is an object-oriented programming? Name two OOP languages**

**Q3. What is the difference between object and class?**

**Q4. Write a short note on procedural programming paradigm**

**Q5. What is base class and derived class? How are these two related?**

**Q6. Explain the transitive nature of inheritance.**

**Q7. How are the terms abstraction and encapsulation related?**

**Q8. What is Polymorphism?**

**Q9 Write a program to check number inputted in prime or not.**

**Q10 Write a program to enter a sentence. Calculate total Vowel, Space, Consonant, and word.**

**Q11 Write a class Automorphic to check whether a number is Automorphic or not using function with the help of a method Int digit(int n)**

**Q12 Write a menu driven program to convert Fahrenheit to Celsius and Celsius to Fahrenheit.**

**Q13 Design a program in Java to calculate the tax for the people living in Mango city. Specify a class taxpayer whose class description is given below:**

<b>Class name:</b>	<b>TaxCalculator</b>
<b>Data members:</b>	<b>int PAN</b>



## Holiday Homework

	String name
	double taxableIncome
	double tax
Member methods:	inputData()
	displayData()
	computeData()

The tax is calculated according to the following rules:

Total Annual Taxable Income	Rate of Taxation
Up to 60000	0%
Above 60000 but up to 150000	5%
Above 150000 but up to 500000	10%
Above 500000	15%

### Holiday home work

Do all number system chapter conversion question from chapter data Representation both solved and Unsolved.

### Physical Education:

#### Part 1: Section A – Theoretical Concepts

##### Chapter 1: Concept of Physical Education

- **Evolution Essay:** Write a 500-word essay on how the concept of Physical Education has shifted from "physical drill" to a holistic approach involving mental and social well-being.

##### Chapter 2: Individual Aspects and Group Dynamics

- **Personality Profiling:** Identify three famous sports personalities and describe how their individual psychological traits (e.g., leadership, motivation, resilience) contributed to their team's success.
- Find and write long & short Answers of Chapter 1,2 & 3



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## Holiday Homework

### Part 2: Section B – Games and Sports

#### Module 1: Cricket

- **Pitch & Field Geometry:** Draw a neat diagram of a standard cricket pitch and the entire field layout, including the 30-yard circle and boundary rope.
- **Terminology & Rules:** Define the following terms in your project file: Power-play, Free Hit, LBW (Leg Before Wicket), and Duckworth-Lewis-Stern (DLS) Method.
- **Skills & Techniques:** Describe the correct stance and grip for a "Forward Defensive Stroke" and the "Basic Overarm Bowling" action.

#### Module 2: Basketball

- **Court Dimensions:** Draw a labeled diagram of a Basketball court (FIBA standard). Include the measurements for the Three-Point line, Free-Throw line, and the Key area.
- **Violations vs. Fouls:** Create a comparison table highlighting the difference between a "Violation" (e.g., Traveling, Double Dribble) and a "Foul" (e.g., Personal Foul, Technical Foul).
- **Strategy Analysis:** Research and explain the "Man-to-Man Defence" versus "Zone Defence" strategies. When would a coach choose one over the other?

#### Art:

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:



# Holiday Homework

- Fruit bowl
- Vegetables
- Vases
- Everyday objects

## **Paper 2: Nature Study**

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

- Flowers
- 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.