



John Wesley Convent, Rohtak

Winter Vacation Home Work (2025-26)

Class : 12

Dear Parents

School will remain closed from January 01, 2026 to January 15, 2026 on account of Winter Break. The school will reopen on January 16, 2026.

Wish you all a very

Prosperous New Year

Upcoming Exams Alert:

- Focus & Plan: Fix a daily study schedule. Complete daily targets 📅
- Practice & Improve: Believe in written practice. Ask doubts/ questions freely!💡
- Stay Balanced: Manage emotions, stay calm & confident 😊
- Smart Prep: Make the most of this break. Prep smart, ace exams! 🌟

ENGLISH :

14 Days Holiday Homework & Revision Plan

Parts Covered: Flamingo Textbook | Vistas | Writing Skills | Grammar

Recommended Daily Study Time: 2-2.5 hours

- ◆ Day 1 – The Last Lesson (Flamingo)
 - Summary and theme analysis
 - Character sketch of M. Hamel
 - Practice: Short answers, long answer questions
 - Vocabulary building: Word meanings, phrases
- ◆ Day 2 – Lost Spring (Flamingo)
 - Summary and theme analysis
 - Character sketch of Anees Jung
 - Practice: Short answers, value-based questions
 - Writing skill: Notice writing
- ◆ Day 3 – Deep Water (Flamingo)
 - Summary and character analysis
 - Practice: Short answers, long answer questions
 - Grammar: Tenses (revision)
- ◆ Day 4 – The Rattrap (Flamingo)
 - Analysis: Theme, tone, literary devices
 - Practice: Chapter-based questions
 - Vocabulary building: Antonyms, synonyms
- ◆ Day 5 – The Indigo (Flamingo)
 - Summary and theme analysis
 - Character sketch of Gandhi
 - Practice: Short answers, long answer questions
 - Writing skill: Letter writing
- ◆ Day 6 – Poets and Pancakes (Vistas)
 - Summary and theme analysis
 - Practice: Short answers, value-based questions

- Grammar: Voice (revision)
- ◆ Day 7 – The Tiger King (Vistas)
 - Summary and theme analysis
 - Character sketch of the Tiger King
 - Practice: Short answers, long answer questions
 - Vocabulary building: Word meanings
- ◆ Day 8 – The Enemy (Vistas)
 - Summary and theme analysis
 - Character sketch of Dr. Sadao
 - Practice: Short answers, long answer questions
 - Writing skill: Article writing
- ◆ Day 9 – On The Face of It (Vistas)
 - Summary and theme analysis
 - Practice: Short answers, value-based questions
 - Grammar: Clauses (revision)
- ◆ Day 10 – Writing Skills
 - Practice: Notice writing, Invitation writing, letter writing, article writing, Report writing
 - Tips and format revision
- ◆ Day 11 – Memories of Childhood
 - Summary and theme analysis
 - Practice: Short answers, value-based questions
- ◆ Day 12 – Reading Comprehension
 - Practice: Unseen passages, note-making
 - Tips and strategies
- ◆ Day 13 – Revision of Flamingo and Vistas
 - Summary and theme revision
 - Practice: Short answers, long answer questions
- ◆ Day 14 – Full Syllabus Revision and Sample Paper
 - Complete revision of English syllabus

- Attempt one full-length CBSE sample paper
- Self-evaluation and error correction
- Student Instructions**
- Maintain one English Holiday Homework notebook
- Divide into sections: Flamingo | Vistas | Writing Skills | Grammar
- Practice writing answers in CBSE format
- Highlight keywords, themes, literary devices
- Revise and practice sample papers

Hindi :

हिंदी (CBSE)

◆ दिन 1

क- सर्दियों में रोजाना की बातों को बारे में लिखते हुए एक फीचर अथवा रिपोर्ट लेखन तैयार कीजिए

ख काव्य खंड

पाठ 1: आत्म परिचय, पाठ 2: एक गीत भावार्थ, कवि परिचय व अभ्यास प्रश्न याद कीजिए

◆ दिन 2

क प्रैक्टिकल हेतु परियोजना कार्य पूर्ण कीजिए

ख काव्य खंड : पाठ 2: पतंग

प्रतीकात्मक अर्थ, विषयवस्तु, 1 मूल्य आधारित प्रश्न

◆ दिन 3

क हिंदी प्रैक्टिकल में हिंदी वाचन अभिव्यक्ति परीक्षा हेतु नारी शक्ति, बेटियां, डिजिटल इंडिया आदि किसी एक विषय पर कविता याद कीजिए।

ख काव्य खंड : पाठ 3: कविता के बहाने

बात सीधी थी मगर, तुलनात्मक प्रश्न, काव्य सौदर्य

◆ दिन 4

काव्य खंड

पाठ 4: कैमरे में बंद अपाहिज, पाठ 6: उषा

सामाजिक संदेश, अलंकार पहचान

◆ दिन 5

काव्य खंड : पाठ 7: बादल राग

पाठ 8: कवितावली – लक्ष्मण मूर्छा, राम का विलाप

◆ दिन 6

काव्य खंड : पाठ 9: रुबाइयाँ

पाठ 10: छोटा मेरा खेत, बगुलों के पंख

छंद/भाव स्पष्टता

◆ दिन 7

गद्य खंड : पाठ 11: भवितन, पाठ 12: बाजार दर्शन

◆ दिन 8

गद्य खंड : पाठ 13: काले मेघा पानी दे

पाठ 14: पहलवान की ढोलक

◆ दिन 9

गद्य खंड : पाठ 17: शिरीष के फूल

पाठ 18: श्रम विभाजन और जाति प्रथा

मेरी कल्पना का आदर्श समाज

◆ दिन 10

वितान : पाठ 1: सिल्वर वेडिंग, पाठ 2: जूझ

◆ दिन 11

वितान

पाठ 3: अतीत में दबे पांव, आत्मकथात्मक प्रश्न अभ्यास

◆ दिन 12

अभिव्यक्ति माध्यम

पाठ 3: विभिन्न माध्यमों के लिए लेखन

पाठ 4: पत्र, आवेदन, ई-मेल

◆ दिन 13

अभिव्यक्ति माध्यम

पाठ 5: विशेष लेखन (लेख, रिपोर्ट)

पाठ 11: कहानी का नाट्य रूपांतरण

पाठ 12: रेडियो नाटक

◆ दिन 14

रचनात्मक लेखन + अपठित,

रचनात्मक लेख (2 विषय)

अपठित गद्यांश – 2, अपठित पद्यांश – 1

■ सम्पूर्ण पाठ्यक्रम का त्वरित पुनरावलोकन

रोज़ पढ़ने की रणनीति

2-3 घंटे अध्ययन

हर उत्तर में भूमिका + बिंदु + निष्कर्ष

कविताओं में भाव + प्रतीक + सौदर्य ज़रूर लिखें

NCERT प्रश्न + पिछले वर्ष के प्रश्न

प्रतिदिन 2 उत्तर लेखन अभ्यास

Maths :

Standard Mathematics Holiday Homework Plan (14 Days)

■ CBSE Class 12 Maths – Holiday Homework (Day-wise)

■ Day 1 — Relations & Functions

Define relation, function, domain & range. 2-4.

Find domain and range of given functions. 5-7. Determine whether given relations are functions. 8-13. Check if functions are one-to-one & onto. 14-15.

■ Day 2 — Inverse Trigonometric Functions

1-3. Find principal values of \sin^{-1} , \cos^{-1} , \tan^{-1} . 4-6. Solve equations using inverse trig functions. 7-9. Prove identities involving inverse trigonometric ratios. 10-12. Evaluate expressions with inverse trigonometric functions. 13-15. Word problems involving inverse trig.

■ Day 3 — Matrices

1-3. Matrix addition & scalar multiplication. 4-6. Matrix multiplication, check if defined. 7-10. Find determinants of 2×2 and 3×3 matrices. 11-13. Find adjoint and inverse (if exists). 14-15. Solve system of linear equations using matrix inverse.

■ Day 4 — Determinants

1-3. Properties of determinants. 4-6. Verify determinant properties. 7-10. Expansion by minors and cofactors. 11-13. Apply determinant to solve systems (Matrix Method). 14-15. Evaluate area of triangle using determinant.

31 Day 5 — Continuity & Differentiability
 1–3. Define continuity & differentiability. 4–6. Check continuity at a point. 7–9. Differentiate simple functions (power, polynomial). 10–12. Apply product, quotient, chain rule. 13–15. Implicit differentiation & higher order derivatives.

31 Day 6 — Application of Derivatives
 1–3. Rate of change problems. 4–6. Tangent & normal to curves. 7–9. Max/Min problems (functions). 10–12. Increasing/Decreasing intervals. 13–15. Application based questions

31 Day 7 — Integrals
 1–3. Define indefinite integrals. 4–6. Integrate basic functions. 7–9. Integration by substitution. 10–12. Integration by parts. 13–15. Definite integrals and their properties.

31 Day 8 — Applications of Integrals
 1–3. Area under curve (simple functions). 4–6. Area between two curves. 7–10. Area bounded by curves like $y = f(x)$. 11–15. Applications in real contexts (e.g., distance).

31 Day 9 — Differential Equations
 1–3. Define differential equation basics. 4–6. Solve $dy/dx = f(x)$. 7–9. Solve $dy/dx = f(y)$. 10–12. Homogeneous differential equations. 13–15. Real-life application problems.

31 Day 10 — Vector Algebra
 1–3. Direction ratios & direction cosines. 4–6. Dot product problems. 7–9. Cross product calculations. 10–12. Scalar triple product. 13–15. Vector applications in geometry.

31 Day 11 — Three-Dimensional Geometry
 1–3. Direction cosines in 3D. 4–6. Equation of line in 3D. 7–9. Shortest distance between skew lines. 10–12. Line equation problems. 13–15. Angle between 2 lines

31 Day 12 — Linear Programming
 1–3. Formulate LPP from word problems. 4–6. Graph feasible regions. 7–9. Find optimal solutions. 10–12. Constraints & corner points. 13–15. Real-life LPP situations.

31 Day 13 — Probability
 1–3. Conditional probability. 4–6. Independent events. 7–9. Bayes' theorem problems. 10–12. Random variables. 13–15. Probability distributions.

31 Day 14 — Revision + Mixed Practice
 1–3. Mixed questions from Functions. 4–6. Mixed questions from Calculus. 7–9. Mixed questions from Geometry. 10–12. Mixed questions from Vectors & LPP. 13–15. Full-length revision set.

 **Tips for Students**

 Try to finish at least 10 problems daily.

- ✓ Maintain a separate notebook for homework.
- ✓ After Day 14, take a timed full-chapter test weekly.
- ✓ Review errors daily and revisit weak topics.

APPLIED MATHS —

14-DAY HOLIDAY HOMEWORK

31 Day 1 — Numbers, Quantification & Numerical Applications
 Define modulo and congruence modulo. 2–4. Solve modulo arithmetic problems. 5–7. Mix and alligation real-life problems. 8–10. Upstream/downstream speed questions. 11–13. Pipes & cistern problems. 14–15. Solve numerical inequalities.

31 Day 2 — More Numbers & Numerical Applications
 1–3. Boats and races word problems. 4–7. Mixed inequalities with real situations. 8–10. Alligation mean price mixture problems. 11–15. Application questions combining ratios & inequalities.

31 Day 3 — Algebra: Matrices & Determinants
 1–3. Types of matrices & order determination. 4–6. Matrix addition, scalar multiplication, transpose. 7–9. Symmetric & skew-symmetric matrices. 10–12. Determinant of 2×2 & 3×3 matrices. 13–15. Properties of determinants.

31 Day 4 — Algebra Continued: Inverse & Applications
 1–4. Find inverses of matrices (cofactor method). 5–8. Solve simultaneous equations using inverse method. 9–12. Cramer's Rule problems. 13–15. Real-life systems modelled with matrices.

31 Day 5 — Calculus: Differentiation
 1–3. Review first principles differentiation. 4–7. Derivatives of polynomial and rational functions. 8–11. Marginal cost & revenue using derivatives. 12–15. Increasing/decreasing functions with graph analysis. CBSE Portal

31 Day 6 — Calculus: Applications of Derivatives
 1–3. Maxima & minima standard problems. 4–7. Rate of change word problems. 8–11. Tangent & normal applications. 12–15. Cost-Revenue-Profit optimization problems.

31 Day 7 — Calculus: Integration
 1–3. Indefinite integrals rules. 4–7. Integrate polynomial and simple algebraic functions. 8–11. Definite integrals evaluation.

12–15. Area under simple curves. □

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31 Day 8 — Integration Applications

1–4. Area between two curves.

5–8. Integrals in economics: total cost/revenue.

9–12. Consumer and producer surplus problems.

13–15. Real-life graphical integration problems.

31 Day 9 — Differential Equations & Modelling

1–3. Define differential equation, order & degree.

4–7. Formulate DE from word problems.

8–11. Solve first-order separable DE.

12–15. Verify solutions of differential equations.

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31 Day 10 — Probability Distributions

1–3. Define probability distribution.

4–7. Expectation & variance calculations.

8–11. Binomial distribution problems.

12–15. Poisson & normal distribution questions.

CBSE Portal

31 Day 11 — Inferential Statistics & Time-Series

1–3. Population vs sample examples.

4–7. t-test one-sample problems.

8–11. Time-series univariate data representation.

12–15. Trend by moving-average method. □

CBSE Portal

31 Day 12 — Index Numbers & Time-based 1–8.

Measure time-series components.

9–15. Trend fitting using least squares.

31 Day 13 — Financial Mathematics

1–3. Calculate simple and compound interest.

4–7. EMI calculation questions.

8–10. Nominal & effective rate problems.

11–13. CAGR & sinking fund examples.

14–15. Depreciation by linear method. □

CBSE Portal

31 Day 14 — Linear Programming & Revision

1–3. Formulate LPP from word problems.

4–7. Graph feasible region and constraints.

8–11. Optimal solution via corner-point method.

12–15. Mixed revision questions from all units.

 How to Use This Plan

 Solve at least 10–15 questions daily.

 Maintain a separate homework notebook and write full solutions.

 Practice previous year questions on topics like Financial Maths & Probability Distributions.

 Revise daily formulas & key rules.

Physics :

14 Days Holiday Homework & Revision Plan

Parts Covered: Electromagnetism | Optics |

Modern Physics

Recommended Daily Study Time: 2 hours

 Day 1 – Electric Charges & Fields

- Coulomb's law, electric field, flux

- Practice: Numerical problems, MCQ

 Day 2 – Electrostatic Potential & Capacitance

- Potential, capacitors, energy storage

- Practice: Numerical problems

 Day 3 – Current Electricity

- Ohm's law, circuits, Kirchhoff's laws

- Practice: Numerical problems, MCQ

 Day 4 – Magnetic Effects of Current

- Biot-Savart law, Ampere's law, solenoids

- Practice: Numerical problems

 Day 5 – Magnetism & Matter

- Magnetic fields, dipoles, properties of matter

- Practice: Numerical problems, MCQ

 Day 6 – Electromagnetic Induction

- Faraday's laws, Lenz's law, inductance

- Practice: Numerical problems

 Day 7 – Alternating Current

- AC circuits, resonance, transformers

- Practice: Numerical problems, MCQ

 Day 8 – Electromagnetic Waves

- Properties, spectrum, uses

- Practice: Short answers, MCQ

 Day 9 – Ray Optics

- Reflection, refraction, lenses, mirrors

- Practice: Numerical problems, ray diagrams

 Day 10 – Wave Optics

- Interference, diffraction, polarization

- Practice: Numerical problems, MCQ

 Day 11 – Dual Nature of Matter & Radiation

- Photoelectric effect, de Broglie waves

- Practice: Numerical problems, short answers

 Day 12 – Atoms & Nuclei

- Bohr model, nuclear structure, radioactivity

- Practice: Numerical problems, MCQ

 Day 13 – Electronic Devices

- Semiconductors, diodes, transistors

- Practice: Short answers, numerical problems

 Day 14 – Full Syllabus Revision and Sample Paper

- Complete revision of syllabus

- Attempt one full-length CBSE sample paper

- Self-evaluation

 Student Instructions

- Maintain one Physics notebook

- Divide into sections: Theory | Numericals

- Practice numerical problems regularly

- Highlight key terms, formulas, and concepts

Chemistry :

14 Days Holiday Homework & Revision Plan

Parts Covered: Physical Chemistry | Organic

Chemistry | Inorganic Chemistry

Recommended Daily Study Time: 2 hours

- ◆ Day 1 – Solutions
 - Types of solutions, concentration terms
 - Colligative properties and numerical problems
 - Practice: Numerical problems
- ◆ Day 2 – Electrochemistry
 - Electrochemical cells, Nernst equation
 - Conductivity and Kohlrausch's law
 - Practice: Numerical problems, MCQ
- ◆ Day 3 – Chemical Kinetics
 - Rate of reaction, order, molecularity
 - Integrated rate equations and numerical problems
 - Practice: Numerical problems
- ◆ Day 4 – d- and f-Block Elements
 - Transition elements, lanthanides, actinides
 - Practice: MCQ, short answers
- ◆ Day 5 – Coordination Compounds
 - Nomenclature, isomerism, bonding
 - Practice: Naming compounds, numerical problems
- ◆ Day 6 – Haloalkanes and Haloarenes
 - Nomenclature, reactions (SN1, SN2)
 - Practice: Reactions, short answers
- ◆ Day 7 – Alcohols, Phenols, and Ethers
 - Preparation, properties, uses
 - Practice: Reactions, MCQ
- ◆ Day 8 – Aldehydes, Ketones, and Carboxylic Acids
 - Nomenclature, preparation, reactions
 - Practice: Short answers, reactions
- ◆ Day 9 – Amines
 - Classification, preparation, properties
 - Practice: Short answers, MCQ
- ◆ Day 10 – Biomolecules and Polymers
 - Carbohydrates, proteins, polymers
 - Practice: Short answers, MCQ
- Day-11. Revision of complete physical chemistry
- Day-12. Revision of complete inorganic chemistry
- Day-13. Revision of organic chemistry
- ◆ Day 14 – Revision and Sample Paper
 - Complete revision of syllabus
 - Attempt one full-length CBSE sample paper
 - Self-evaluation
-  **Student Instructions**
 - Maintain one Chemistry notebook
 - Divide into sections: Physical | Organic | Inorganic
 - Practice numerical problems and reactions regularly
 - Highlight key terms, reactions, and concepts

Biology :

 14 Days Holiday Homework & Revision Plan
Subject: Biology
Daily Study Time: 2.5–3 hours

-  **UNIT I & II – REPRODUCTION (4 DAYS)**
 - ◆ Day 1 – Reproduction in Organisms
 - Types of reproduction
 - Asexual reproduction (binary fission, multiple fission, spores)
 - Sexual reproduction
 - Differences: Asexual vs sexual reproduction
 - Practice MCQs & short answers
 - ◆ Day 2 – Sexual Reproduction in Flowering Plants
 - Structure of flower
 - Microsporogenesis & megasporogenesis
 - Pollination & fertilisation
 - Post-fertilisation events
 - Draw labelled diagrams
 - ◆ Day 3 – Human Reproduction
 - Male & female reproductive systems
 - Gametogenesis
 - Menstrual cycle
 - Fertilisation, implantation
 - Labelled diagrams
 - ◆ Day 4 – Reproductive Health
 - Contraceptive methods
 - Sexually transmitted diseases
 - Infertility & ART techniques
 - Case-based questions
-  **UNIT III – GENETICS & EVOLUTION (4 DAYS)**
 - ◆ Day 5 – Principles of Inheritance and Variation
 - Mendel's experiments
 - Monohybrid & dihybrid crosses
 - Genotype & phenotype ratios
 - Incomplete dominance, codominance
 - Numerical problems
 - ◆ Day 6 – Molecular Basis of Inheritance
 - DNA structure
 - Replication, transcription, translation
 - Genetic code
 - Lac operon
 - Flow charts & diagrams
 - ◆ Day 7 – Evolution
 - Origin of life
 - Evidences of evolution
 - Hardy-Weinberg principle
 - Adaptive radiation
 - Short & long answer questions
 - ◆ Day 8 – Human Health and Disease
 - Common diseases
 - Immunity (innate & acquired)
 - Vaccination
 - AIDS & cancer
 - Case-based questions

UNIT IV – BIOTECHNOLOGY (3 DAYS)

- ◆ Day 9 – Biotechnology: Principles and Processes
 - Genetic engineering
 - Tools of recombinant DNA technology
 - PCR, cloning vectors
 - Diagrams
- ◆ Day 10 – Biotechnology and its Applications
 - GM crops
 - Insulin production
 - Gene therapy
 - Ethical issues
 - Assertion-reason questions
- ◆ Day 11 – Microbes in Human Welfare
 - Microbes in household products
 - Industrial & sewage treatment
 - Biogas production
 - Flow charts
-  **UNIT V – ECOLOGY & ENVIRONMENT (3 DAYS)**
- ◆ Day 12 – Organisms and Populations
 - Population attributes
 - Growth models
 - Adaptations
 - Numerical problems
- ◆ Day 13 – Ecosystem & Biodiversity
 - Energy flow
 - Ecological pyramids
 - Biodiversity & conservation
 - Hotspots
 - Diagrams & case studies
- ◆ Day 14 – Environmental Issues + Final Revision
 - Air & water pollution
 - Global warming
 - Ozone depletion
 - Waste management
 - One full-length CBSE Class XII Biology sample paper
 - Self-assessment
- Student Instructions**
- Maintain one Biology Holiday Homework notebook
- Draw neat, labelled diagrams (mandatory)
- Practice genetics numericals stepwise
- Revise NCERT diagrams, definitions & flow charts daily
- Mark difficult questions for teacher discussion

Accountancy :

- 31** 14 Days Holiday Homework & Revision Chart
-  Daily Study Time: 2–2.5 Hours
- Day 1:
Partnership – Fundamentals & Goodwill
* Partnership deed

- * Profit sharing ratio
- * Goodwill: meaning & valuation
- * Numerical practice
- Day 2:
Admission of Partner
 - * New profit sharing ratio
 - * Goodwill adjustment
 - * Revaluation Account
 - * Capital adjustment
 - * Numerical practice
- Day 3:
Retirement / Death of Partner
 - * Gaining ratio
 - * Goodwill treatment
 - * Revaluation Account
 - * Capital settlement
 - * Numerical practice
- Day 4:
Dissolution of Partnership
 - * Realisation Account
 - * Partners' Capital Account
 - * Cash/Bank Account
 - * Numerical practice
- Day 5:
Company Accounts – Issue of Shares
 - * Issue of shares
 - * Oversubscription
 - * Calls in arrears/advance
 - * Journal entries & Balance Sheet
- Day 6:
Company Accounts – Issue of Debentures
 - * Issue at par
 - * Issue at premium
 - * Issue at discount
 - * Journal entries

(Note: Redemption not included)
- Day 7:
Revision – Partnership Accounts
 - * Admission
 - * Retirement
 - * Dissolution
 - * Mixed numerical practice
- Day 8:
Revision – Company Accounts
 - * Issue of shares
 - * Issue of debentures
 - * Numerical practice
- Day 9:
Financial Statements of Companies
 - * Statement of Profit & Loss
 - * Balance Sheet (Schedule III)
 - * Practical questions
- Day 10:
Financial Statement Analysis
 - * Comparative Statement
 - * Common Size Statement
 - * Numerical practice

Day 11:
 Accounting Ratios
 * Liquidity ratios
 * Solvency ratios
 * Profitability ratios
 * Calculation & interpretation

Day 12:
 Cash Flow Statement
 * Operating activities (Indirect Method)
 * Investing & Financing activities
 * Numerical practice

Day 13:
 High Weightage Revision
 * Accounting Ratios
 * Cash Flow Statement
 * Important adjustments

Day 14:
 Full Syllabus Test
 * One CBSE Sample Paper
 * Self-evaluation
 * Weak areas revision

STUDENT INSTRUCTIONS:
 * Maintain one Accountancy register
 * Separate sections for Theory & Numericals
 * Proper formats and working notes compulsory
 * Revise formulas daily.

Business Studies :

14 Days Holiday Homework & Revision Plan
 Parts Covered: Principles of Management |
 Business Finance and Marketing | Consumer Protection

Recommended Daily Study Time: 2 hours

- ◆ Day 1 – Nature and Significance of Management
- Management concepts, objectives, and importance
- Practice: Short answers, MCQ
- ◆ Day 2 – Principles of Management
- Fayol's principles, Taylor's scientific management
- Practice: Short answers, case study
- ◆ Day 3 – Business Environment
- Components, impact on business
- Practice: Short answers, case study
- ◆ Day 4 – Planning
- Meaning, importance, and types of plans
- Practice: Short answers, MCQ
- ◆ Day 5 – Organising
- Organising process, organisational structure
- Practice: Short answers, case study
- ◆ Day 6 – Staffing
- Recruitment, selection, training
- Practice: Short answers, MCQ
- ◆ Day 7 – Directing
- Leadership, motivation, communication

- Practice: Short answers, case study
- ◆ Day 8 – Controlling
- Meaning, importance, and techniques
- Practice: Short answers, MCQ
- ◆ Day 9 – Financial Management
- Meaning, objectives, and sources of finance
- Practice: Numerical problems, short answers
- ◆ Day 10 – Financial Markets
- Money market, capital market, stock exchange
- Practice: Short answers, MCQ
- ◆ Day 11 – Marketing Management
- Marketing concepts, mix, and strategies
- Practice: Short answers, case study
- ◆ Day 12 – Consumer Protection
- Rights, responsibilities, and redressal mechanisms
- Practice: Short answers, case study
- ◆ Day 13 – Revision of Units 1-6
- Principles of Management and Business Environment
- Practice: Short answers, MCQ, case studies
- ◆ Day 14 – Full Syllabus Revision and Sample Paper
- Complete revision of syllabus
- Attempt one full-length CBSE sample paper
- Self-evaluation

 **Student Instructions**

- Maintain one Business Studies notebook
- Divide into sections: Theory | Practical
- Practice case studies and numerical problems regularly

Psychology :

 14 Days Holiday Homework & Revision Plan
 Units Covered:

Psychological Attributes | Personality | Stress & Health | Disorders | Therapy | Social Psychology

Recommended Daily Study Time: 2–2.5 hours

-  **UNIT I & II: INDIVIDUAL AND PERSONALITY (4 DAYS)**
- ◆ Day 1 – Variations in Psychological Attributes (Part I)
- Individual differences
- Assessment of psychological attributes
- Intelligence: concept & types
- Emotional Intelligence
- Practice:
- Define key terms
- Short answers (2 & 3 marks)
- Flow chart (types of intelligence)
- ◆ Day 2 – Variations in Psychological Attributes (Part II)
- Theories of intelligence
- Psychometric theories

Triarchic theory
Multiple intelligences
Aptitude & creativity
Culture and intelligence
Practice:
Comparison table
Case-based questions
◆ Day 3 – Self and Personality (Part I)
Concept of self
Cognitive & behavioural aspects
Culture and self
Meaning of personality
Practice:
Short notes
Application-based questions
◆ Day 4 – Self and Personality (Part II)
Approaches to personality
Type & Trait
Psychodynamic
Behavioural
Humanistic & Cultural
Assessment of personality
Self-report
Projective techniques
Practice:
Comparison table
1 long answer

 **UNIT III: MEETING LIFE CHALLENGES (2 DAYS)**

◆ Day 5 – Stress and Its Effects
Nature & sources of stress
Stress and health
General Adaptation Syndrome
Stress and immune system
Practice:
Case-based questions
Diagram (GAS)
◆ Day 6 – Coping and Well-being
Coping strategies
Stress management techniques
Life skills
Positive health & well-being
Practice:
Short answers
Real-life examples

 **UNIT IV & V: DISORDERS AND THERAPY (4 DAYS)**

◆ Day 7 – Psychological Disorders (Part I)
Concept of abnormality
Classification of disorders
Factors underlying abnormal behaviour
Practice:
Flow chart
Short notes
◆ Day 8 – Psychological Disorders (Part II)
Anxiety disorders

OCD & trauma-related disorders
Depressive & bipolar disorders
Schizophrenia & substance use
Practice:
Case studies
1 long answer
◆ Day 9 – Therapeutic Approaches (Part I)
Nature & process of psychotherapy
Therapeutic relationship
Behaviour therapy
Cognitive therapy
Practice:
Comparison table
Application questions
◆ Day 10 – Therapeutic Approaches (Part II)
Humanistic-existential therapy
Alternative therapies
Ethics in psychotherapy
Rehabilitation of mentally ill
Practice:
Short notes
Case-based questions
 **UNIT VI & VII: SOCIAL PSYCHOLOGY (3 DAYS)**
◆ Day 11 – Attitude and Social Cognition
Nature & components of attitude
Attitude formation & change
Prejudice & discrimination
Handling prejudice
Practice:
Assertion–Reason questions
1 long answer
◆ Day 12 – Social Influence and Group Processes
Nature & formation of groups
Types of groups
Social influence
Social loafing & group polarisation
Practice:
Concept map
Case-based questions
◆ Day 13 – Practical Orientation & Applied Psychology
Case profile discussion
Psychological tests (intelligence, personality, attitude)
Ethics in testing
Viva preparation
Practice:
Sample case outline
Test interpretation practice

 **FINAL REVISION (1 DAY)**
◆ Day 14 – Complete Psychology Revision
Important definitions & psychologists
Diagrams & tables
Theory + practical revision

Attempt one full-length CBSE sample paper

Self-evaluation

Student Instructions

Maintain one Psychology Holiday Homework notebook

Divide notebook unit-wise

Use diagrams, flow charts & real-life examples

Answers should be point-wise (CBSE format)

Highlight keywords, theories & psychologists

Prepare one case profile outline / project idea.

Political Science :

14 Days Holiday Homework & Revision Plan

Parts Covered:

 Contemporary World Politics | IN Politics in India Since Independence

Recommended Daily Study Time: 2–2.5 hours

 PART A: CONTEMPORARY WORLD POLITICS (7 DAYS)

◆ Day 1 – The End of Bipolarity

Soviet system

Gorbachev's reforms

Disintegration of USSR

Shock Therapy & consequences

India–Russia relations

Practice:

Timeline (Cold War → Unipolar World)

2 short answers

1 long answer

◆ Day 2 – Contemporary Centres of Power

European Union

ASEAN

Rise of China

Japan & South Korea

India as an emerging power

Practice:

Comparison table (EU vs ASEAN)

Map work (major power centres)

◆ Day 3 – Contemporary South Asia

Democracy & military rule

Pakistan, Bangladesh, Nepal, Sri Lanka

India–Pakistan relations

SAARC & regional cooperation

Practice:

Case-based questions

Political map of South Asia

◆ Day 4 – International Organizations

United Nations: structure & role

UN reforms

IMF, World Bank, WTO

NGOs: Amnesty International, HRW

Practice:

Flow chart (UN structure)

1 long answer

◆ Day 5 – Security in the Contemporary World

Traditional & non-traditional security

Terrorism

Human security

India's security strategy

Practice:

Short notes

Application-based questions

◆ Day 6 – Environment and Natural Resources

Environmental concerns

Global commons

Sustainable development

Indigenous people & resource geopolitics

Practice:

Data-based questions

Concept map

◆ Day 7 – Globalisation

Meaning & causes

Economic, political & cultural dimensions

Impact on India

Resistance to globalisation

Practice:

Advantages vs disadvantages table

1 long answer

IN PART B: POLITICS IN INDIA SINCE INDEPENDENCE (6 DAYS)

◆ Day 8 – Challenges of Nation-Building

Partition & rehabilitation

Integration of princely states

Reorganisation of states

Role of Sardar Patel

Practice:

Timeline

Case-based questions

◆ Day 9 – Era of One-Party Dominance

Congress dominance (1952–1967)

Opposition parties

Nature of Congress system

Practice:

Short notes

Source-based questions

◆ Day 10 – Politics of Planned Development

Planning Commission

Five-Year Plans

Mixed economy

NITI Aayog

Practice:

Difference table (Planning Commission vs NITI Aayog)

2 short answers

◆ Day 11 – India's External Relations

Non-Alignment Movement

India–China relations

India–Pakistan wars

India's nuclear policy

Practice:

Map-based questions

1 long answer

◆ Day 12 – Democratic Order & Regional Aspirations

Emergency (1975–77)

Janata government

Jammu & Kashmir

Punjab & North-East movements

Practice:

Case-based questions

Timeline

◆ Day 13 – Recent Developments in Indian Politics

Coalition politics

Mandal politics

BJP era (NDA III, IV & V)

Governance & development schemes

Practice:

Flow chart

Analytical questions

⌚ FINAL REVISION (1 DAY)

◆ Day 14 – Complete Political Science Revision

Key terms & thinkers

Important events & timelines

Map practice (India & World)

Attempt one full-length sample paper

Self-evaluation

✓ Student Instructions

Maintain one Political Science Holiday

Homework notebook

Divide notebook into Part A & Part B

Use maps, flow charts & tables

Write answers in CBSE format (point-wise)

Highlight keywords, years & personalities

Practice case-based & competency-based questions

Geography :

Day 1 – Revision & Observation

Revise chapters completed after Mid-Term (as per school syllabus)

Write key terms and definitions

Start a Geographical Observation Journal

(weather, transport, markets, human activities)

Day 2 – Population Distribution

NCERT: Fundamentals of Human Geography – Population

Study distribution and density of population

Write factors affecting population distribution

Draw a world map showing high & low density areas

Day 3 – Population Growth & Migration

NCERT: Population chapter (continued)

Causes of population growth

Push and pull factors of migration

Write Indian examples

Day 4 – Human Development

NCERT: Human Development

Meaning and indicators of HDI

Compare developed and developing countries

Prepare a short comparison table

Day 5 – Primary Activities

NCERT: Primary Activities

Agriculture, fishing, mining

Factors affecting agriculture

Write examples from India

Day 6 – Secondary & Tertiary Activities

NCERT: Secondary and Tertiary Activities

Manufacturing and services

Growth of service sector in India

Write short notes

Day 7 – Revision Day

Revise all chapters studied (Days 1–6)

Practice: MCQs, Short answers

One 5-mark question

Day 8 – Transport, Communication & Trade

NCERT: Transport, Communication and Trade

Types of transport, Importance of trade

Write examples of Indian transport networks

Day 9 – International Trade

NCERT: International Trade

Meaning and importance, Balance of trade, India's major exports and imports

Day 10 – Population of India

NCERT: India –People and Economy –Population

Distribution and density of population in India

Census and demographic structure

Draw India map (density)

Day 11 – Human Settlements

NCERT: Human Settlements

Rural and urban settlements

Problems of urbanisation

Write short notes

Day 12 – Map Work Practice

Practice map work from NCERT:

Transport routes

Industrial regions

Population density areas

Label neatly

Day 13 – Answer Writing Practice

Practice CBSE-style questions:

2 marks × 2

3 marks × 2

5 marks × 1

Focus on diagram-based answers

Day 14 – Compilation & Self-Assessment

Revise complete holiday homework

Arrange notes, maps and journal

Write self-assessment:

What I revised

Which chapter needs more practice

My learning outcome

Economics :

31 14 Days Holiday Homework & Revision Plan

Parts Covered:

Part A – Introductory Macroeconomics

Part B – Indian Economic Development

 Recommended Daily Study Time: 2–2.5 hours

PART A – INTRODUCTORY

MACROECONOMICS (7 DAYS)

Day 1 – Introduction to Macroeconomics

Meaning and scope of macroeconomics

Difference between micro and macroeconomics

Importance and limitations

Practice: Define key terms

3 short answer questions

1 long answer question

Day 2 – National Income Accounting

Concepts: GDP, GNP, NDP, NNP

Circular flow of income

Methods of calculating national income

Practice: Numerical problems

Concept-based questions

Flow diagram

Day 3 – Money and Banking

Functions of money

Types of money

Central bank and commercial banks

Credit creation

Practice: Short notes, Diagram-based questions

Case-based questions

Day 4 – Determination of Income and

Employment

Aggregate demand and aggregate supply

Consumption function

Investment multiplier

Practice:

Numerical questions

Diagrams

Value-based questions

Day 5 – Government Budget and the Economy

Meaning and objectives of budget

Revenue and capital receipts/expenditure

Fiscal deficit and its implications

Practice:

Numerical problems

Assertion-reason questions

Long answer questions

Day 6 – Balance of Payments

Meaning and components of BOP

Current and capital account

Foreign exchange rate

Practice:

Numerical problems

Case studies

Conceptual questions

Day 7 – Revision of Macroeconomics

Revise all formulas and definitions

Practice numericals from all chapters

Attempt one Macroeconomics sample paper

IN PART B – INDIAN ECONOMIC

DEVELOPMENT (6 DAYS)

Day 8 – Indian Economy on the Eve of

Independence

Features of Indian economy under British rule

Agriculture, industry, and foreign trade

Practice:

Short and long answer questions

Source-based questions

Day 9 – Indian Economy (1950–1990)

Planning and Five-Year Plans

Agriculture, industry, and trade policies

Green Revolution

Practice:

Case-based questions

Comparative questions

Day 10 – Liberalisation, Privatisation and Globalisation

Meaning and objectives of LPG reforms

Role of WTO

Impact of reforms

Practice:

Short notes

HOTS questions

Case studies

Day 11 – Poverty

Meaning and causes of poverty

Poverty alleviation programmes

Trends in India

Practice:

Data interpretation

Long answer questions

Day 12 – Human Capital Formation & Employment

Meaning and importance of human capital

Education and health

Unemployment types

Practice:

Diagram-based answers

Case studies

Short notes

Day 13 – Infrastructure & Environment

Meaning and importance of infrastructure

Energy, transport, communication

Sustainable development

Practice:

Value-based questions

Long answers

FINAL REVISION (1 DAY)

Day 14 – Complete Economics Revision

Revise definitions, formulas, and diagrams

Practice numericals from Macroeconomics

Attempt one full-length Economics sample paper

Self-evaluation and error correction

Student Instructions

Maintain two separate sections in the notebook:
Macroeconomics & Indian Economic
Development
Clearly write formulas, diagrams, and steps
Practice numericals daily
Answers should be point-wise and well-structured
(CBSE pattern)

Painting :

14 Days Holiday Homework & Revision Plan
Parts Covered: Theory | Practical
Recommended Daily Study Time: 2 hours

- ◆ Day 1 – Introduction to Painting
- Overview of painting mediums and techniques
- Practice: Sketching exercises
- ◆ Day 2 – Elements of Art
- Line, shape, form, texture, color
- Practice: Identify elements in artworks
- ◆ Day 3 – Principles of Art
- Balance, proportion, emphasis, harmony
- Practice: Apply principles in compositions
- ◆ Day 4 – Indian Art Traditions
- Ancient to medieval Indian art
- Practice: Sketch Indian motifs
- ◆ Day 5 – Medieval Indian Painting
- Rajput and Mughal schools
- Practice: Analyze paintings
- ◆ Day 6 – Deccan and Pahari Schools
- Characteristics and themes
- Practice: Compare paintings
- ◆ Day 7 – Bengal School and Modern Trends
- Revivalism and nationalism
- Practice: Identify influences
- ◆ Day 8 – Practical: Still Life
- Composition and rendering
- Practice: Still life painting
- ◆ Day 9 – Practical: Landscape
- Perspective and color
- Practice: Landscape painting
- ◆ Day 10 – Practical: Portrait
- Proportions and expression
- Practice: Portrait sketching
- ◆ Day 11 – Art Appreciation
- Analyzing artworks
- Practice: Write critiques
- ◆ Day 12 – Revision of Theory
- Key concepts and terms
- Practice: MCQ and short answers
- ◆ Day 13 – Practical Revision
- Improve previous artworks
- Practice: Timed painting exercise
- ◆ Day 14 – Full Syllabus Revision and Sample Paper
- Complete revision

- Attempt one full-length CBSE sample paper
- Self-evaluation
- ✓ Student Instructions
- Maintain one Painting notebook
- Divide into sections: Theory | Practical
- Practice sketching and painting regularly
- Highlight key terms and techniques

Physical Education :

 14 Days Holiday Homework & Revision Plan
Subject: Physical Education
Daily Study Time: 1.5–2 hours

- ◆  UNIT I – PLANNING IN SPORTS (2 DAYS)
 - ◆ Day 1 – Planning in Sports
 - Meaning & objectives of planning
 - Types of tournaments
 - Intramural & extramural activities
 - Advantages of intramural competitions
 - Short answer questions
 - ◆ Day 2 – Tournament Fixtures
 - Knock-out tournament
 - League tournament
 - Combination tournament
 - Byes & seeding
 - Draw fixtures with diagrams
- ◆  UNIT II – SPORTS AND NUTRITION (2 DAYS)
 - ◆ Day 3 – Sports Nutrition
 - Balanced diet
 - Nutritive & non-nutritive components
 - Macro & micronutrients
 - Role of vitamins & minerals
 - Case-based questions
 - ◆ Day 4 – Diet Planning
 - Pre-competition, during & post-competition meals
 - Eating disorders (anorexia, bulimia)
 - BMI calculation
 - Sample diet chart
- ◆  UNIT III – YOGA & LIFESTYLE (2 DAYS)
 - ◆ Day 5 – Yoga and Lifestyle Disorders
 - Meaning & importance of yoga
 - Lifestyle disorders (obesity, diabetes, hypertension)
 - Benefits of yoga
 - Asanas for lifestyle disorders
 - ◆ Day 6 – Asanas and Pranayama
 - Asanas for obesity & diabetes
 - Asanas for asthma & hypertension
 - Pranayama techniques
 - Draw labelled asana diagrams
- ◆  UNIT IV – PHYSICAL FITNESS & TRAINING (3 DAYS)
 - ◆ Day 7 – Physical Fitness
 - Components of fitness
 - Health-related vs skill-related fitness

Fitness assessment tests

MCQs

◆ Day 8 – Training Methods

Endurance training

Strength training

Speed & flexibility training

Circuit training

Short notes

◆ Day 9 – Sports Injuries

Types of sports injuries

First aid & management

RICE method

Injury prevention

 UNIT V – PHYSIOLOGY & PSYCHOLOGY (3 DAYS)

◆ Day 10 – Physiology and Sports

Muscular system

Types of muscles

Effects of exercise on body systems

Diagrams

◆ Day 11 – Psychology and Sports

Personality & sports

Motivation

Stress & anxiety

Techniques to improve performance

◆ Day 12 – Test & Measurement in Sports

Fitness tests (AAHPER, Harvard step test)

Motor fitness test

Calculation & interpretation

 UNIT VI – SPORTS SKILLS & FINAL REVISION (2 DAYS)

◆ Day 13 – Sports Skills

Skills of one major game (any one)

Rules & terminology

Officials & dimensions

Diagram of playfield

◆ Day 14 – Revision & Practical File Work

Revision of all theory units

Practice long-answer questions

Complete practical record file

One full-length Class XII Physical Education sample paper

- Practice: Exercises, sing with emotion

◆ Day 4 – Music Theory & Notation

- Advanced notation, swara combinations

- Practice: Write & sing complex swaras

◆ Day 5 – Practical: Raga Performance

- Prepare Raga Bhairav or Bhimpalasi

- Record yourself, get feedback

◆ Day 6 – Indian Classical Music History

- Evolution, contributions of musicians

- Practice: Short answers, MCQ

◆ Day 7 – Music Appreciation & Criticism

- Analyze music pieces, write critiques

- Practice: Write about a performance

◆ Day 8 – Advanced Composition

- Compose a piece using raga & taal

- Practice: Sing & record

◆ Day 9 – Vocal Practice & Recording

- Practice advanced ragas, record

- Feedback & improvement

◆ Day 10 – Revision of Ragas & Taals

- Practice Raga Bhairav, Bhimpalasi

- Practice: Sing & clap complex taals

◆ Day 11 – Music Theory Revision

- Key concepts, terms, MCQ

- Practice: Short answers

◆ Day 12 – Practical Revision

- Prepare for practical exams

- Record & get feedback

◆ Day 13 – Full Syllabus Revision

- Theory, ragas, taals

- Practice: MCQ, short answers

◆ Day 14 – Mock Practical & Self-Evaluation

- Mock practical exam

- Self-evaluation, improvement plan

 Student Instructions

- Maintain one Music notebook

- Practice vocal exercises & ragas daily

- Record yourself, get feedback

Music

14 Days Holiday Homework & Revision Plan

Parts Covered: Vocal | Practical | Theory

Recommended Daily Study Time: 2 hours

◆ Day 1 – Advanced Ragas

- Raga Bhairav, Raga Bhimpalasi

- Practice: Sing, expand alankars

◆ Day 2 – Taal & Composition

- Complex taals, composition practice

- Practice: Sing with taals, record

◆ Day 3 – Vocal Technique & Expression

- Advanced vocal techniques, expression