



# 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 सौंदर्य

### ◆ 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: भक्तिन, 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

# रोज पढ़ने की रणनीति

# 2-3 घंटे अध्ययन

# हर उत्तर में भूमिका + बिंदु + निष्कर्ष

# कविताओं में भाव + प्रतीक + सौंदर्य जरूर 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  $2 \times 2$  and  $3 \times 3$  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.

### 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.

### 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

### 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.

### 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).

### 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.

### 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.

### 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

### 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.

### Day 13 — Probability

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

### 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

#### 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.

#### 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.

#### 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  $2 \times 2$  &  $3 \times 3$  matrices. 13–15. Properties of determinants.

#### 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.

#### 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

#### 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.

#### 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. □

CbseAcademic.in

### 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.

### 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.

CBSE Portal

### 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.

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### 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

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

Measure time-series components.

9–15. Trend fitting using least squares.

### 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

### 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 :**

📅 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 :

## 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