

## ANNEXURE I

### COMMON EXAMINATION TIPS/GUIDELINES FOR BOARD EXAMINATION 2025–2026

#### CLASSES X & XII

The following tips may help the students in performing better:

##### **Strategies to Follow before Examination:**

###### **1. Practice**

- Be familiar with the **latest question paper design of CBSE**.
- Devote plenty of **time for practicing the questions**.
- Plan practice sessions with short intermediate breaks.
- The **Highlighted portions of the NCERT textbooks**, along with **the examples and exercises given in the prescribed textbooks must also be thoroughly practiced**.
- Practice **the Sample Question Papers/Practice Papers** and fix the target to attempt it within the time limit.
- Try to attempt Sample Question Papers/Practice Papers/Previous Year Question Papers of at least two subjects in a day.
- Practice Previous Years' CBSE Questions from "Question Bank" uploaded on DoE website.

###### **2. Revision with Proper Time Management**

- **Prepare a time table for each subject** and work on it sincerely, especially for subjects with less number of preparatory holidays.
- Display your time schedule and daily targets and try to follow it diligently.
- Also, **practice through worksheets, mind maps/concept maps**.
- Revise the chapter-wise bullet notes given in the support material and class notes.
- Give **sufficient practice to focused areas and 'must do topics'** in the syllabus.
- Sufficient time should be devoted to self-study.
- Students can opt for Peer Learning for concept clarity.

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- **Strategize your revision:** First, revise the topics which you find simple, then gradually move to moderate and difficult ones.

### 3. Strategy to Attempt Long Answer Type Questions:

- While practicing long answers, break down the long text into simple paragraphs and bullet points and revise.
- Use flow charts, pictorial representations and abbreviated forms to comprehend the difficult topics.

### 4. Strategy to Attempt Objective Type Questions/MCQs:

- Read all the questions and options carefully before answering.
- Be extra vigilant to write correct serial number of question, as well as the option, while answering.
- Follow the method of elimination, if uncertain about the correct answer.
- Work steadily on each question and write only the answer in the answer sheet.

### 5. Balanced Diet and Lifestyle Tips:

- Eat home cooked nutritious meals. Drink enough water.
- Remember to take breaks and exercise after long and tiring practice sessions. A relaxed mind can solve questions faster and accurately.
- Sleep well before the exam.

### 6. Preparation for the Day:

- Make sure to carry everything required for the examination: Admit Card, School Identity Card, blue pen and permissible stationery (in a transparent pouch) for Board Examination.
- Be confident and positive; in case of stress, take a break and relax.



## REMEMBER THESE POINTS WHILE ATTEMPTING THE QUESTION PAPER

### 1. Filling of Roll No. in Answer Sheet:

- Fill the Roll No. carefully as per the instructions and do not use correction fluid/tape.

### 2. Use the First 15 Minutes Effectively:

- As per CBSE, 15 minutes will be given to students only to read the question paper. Read all the questions and instructions carefully and strategize your attempt.

### 3. Keep an Eye on Your Watch:

- Divide the three hours according to the sections and check time regularly.
- Ensure speed and accuracy.
- Complete the question paper in time.

### 4. Prioritize Your Attempt:

- Always attempt the easy questions first and then move on to the next ones.
- Ensure that you complete the questions you are confident about before taking on the doubtful ones.

### 5. Select Your Options Wisely:

- Make sure to attempt all the questions and its parts.
- In certain questions you will be provided with internal choices/options. Do not hurry. Choose your option carefully.

### 6. Attempt answers Section-Wise:

- Attempt questions/answers in a Section-wise manner. (Refer to latest CBSE circulars and Subject-Specific Tips)

### 7. Use Simple Language:

- Write within the word limit. Use to-the-point and easy to understand language, quote examples and draw diagrams wherever required.
- Mention the question number and the part number correctly.



- Do not forget to write SI Units/other units wherever required.

#### **8. Legible Handwriting:**

- Write in legible handwriting with proper margins. Avoid cutting, overwriting and using correction fluid.
- Use pencil and scale to draw the figures/diagrams.

#### **9. Revise Your Answers:**

- Ensure that all the additional sheets, maps, graphs etc. are properly tied in sequence.
- Make sure to reserve the last 10 minutes for reviewing and correcting (if required) your answers.

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## कक्षा - दसवीं

## विषय - हिंदी (002)

## वार्षिक परीक्षा (2025-26) हेतु महत्वपूर्ण सुझाव

- परीक्षा के समय शांत तथा सकारात्मक बने रहें।
- प्रश्न-पत्र को ध्यानपूर्वक पढ़ें तथा प्रश्न-पत्र के प्रारूप को समझें।
- अपठित गद्यांश और पट्यांश के केंद्रीय/मूल भाव को समझने के बाद प्रश्नों को सावधानीपूर्वक हल करें।
- प्रत्येक प्रश्न के लिए समय-सीमा का ध्यान रखें।
- कितने अंक के प्रश्नों को कितना समय देना है, इसकी योजना पहले से बनाएँ।
- प्रश्नों का उत्तर लिखते समय दो उत्तरों के बीच पर्याप्त अंतर रखें।
- प्रश्नों में निर्देशानुसार शब्द-सीमा का ध्यान रखें।
- दो अंक के वर्णनात्मक प्रश्नों में कम से कम दो विभिन्न तर्क/विवरण बिंदुओं के द्वारा अपना उत्तर लिखें।
- चार अंक के वर्णनात्मक प्रश्नों में कम से कम चार विभिन्न तर्क/विवरण बिंदुओं के द्वारा अपना उत्तर लिखें।
- रचनात्मक लेखन में प्रारूप का विशेष ध्यान रखें।
- सभी प्रश्नों को हल करने का यथासंभव प्रयास करें।
- आदर्श प्रश्न-पत्र तथा अभ्यास प्रश्न-पत्र का बार-बार अभ्यास करें।
- यथासंभव सभी प्रश्नों के उत्तर खंडवार दें।
- एक ही प्रश्न के उप-भागों के उत्तर एक साथ लिखें।
- व्याकरण के प्रश्नों का अभ्यास लिखकर करें।
- स्पष्ट एवं साफ लिखें। यदि कोई उत्तर गलत लिखा गया हो, तो उसे केवल एक सीधी रेखा से काट दें।
- वर्तनीगत त्रुटियों से बचें और भाषागत शुद्धता एवं सटीकता का ध्यान रखें।
- जिन प्रश्नों के उत्तर आपको अच्छे से आते हों, उन्हीं प्रश्नों के उत्तर लेखन से शुरूआत करें।

- Ms. Nidhi ~~Nidhi~~
- Ms. Baby ~~Baby~~
- Mr. Kaifi Hashmi ~~Kaifi~~

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**CLASS: X**  
**SUBJECT: MATHEMATICS**

**Specific Tips for examination purpose:**

- ❖ Make a chart of the formulas chapterwise with headings and read them daily till the board-exam. It's an easy way to have these formulas on tips. You can note down topics from the worksheets distributed by DOE also.
- ❖ Do enough written practice of different types of questions.
- ❖ Practice all the question papers provided by CBSE/DOE available on DOE website.
- ❖ Write the correct formula, draw neat & labeled figure and calculate properly wherever asked.
- ❖ For case-study based questions, apply mathematical concepts and formulas you have learned so far to solve the questions.
- ❖ For theorems, write GIVEN, TO PROVE, CONSTRUCTION, DRAW FIGURE and then prove the theorem.
- ❖ For word problems, read questions again and again and figure out what is given and what is asked. Think of the formula that is required, apply it and do the calculations carefully.
- ❖ Attempt those questions first about which you are very sure of getting right answers, then attempt questions where you have a little doubt about solving and in the last, try to attempt those questions also where you do not know anything.
- ❖ Adhere to the time-limit and try to complete the question paper well in time leaving some extra time for revision of answer-sheet before submission.
- ❖ Do not leave any question unattempted. If you can't calculate, at least write the formula related to the question.

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## Examination Tips for Class X Science Board Exam 2025–26

### Important Instruction (New Paper Pattern)

Attempt the question paper strictly section-wise and in the given sequence.

The question paper pattern has been changed this year. The sections are arranged as follows:

- Section A – Biology
- Section B – Chemistry
- Section C – Physics

Do not mix sections while attempting the paper. Follow the sequence to avoid confusion and save time.

### Understand the Syllabus Thoroughly

- Go through the NCERT syllabus carefully and focus on key chapters.
- Prioritize topics with higher weightage based on previous years' question papers.

### Master the NCERT Textbook

- Read and revise the NCERT Science textbook thoroughly, as most questions are directly or indirectly based on it.
- Practice all in-text and end-of-chapter questions.

### Create a Study Schedule

- Divide your preparation time for all units systematically, keeping in mind the unit-wise weightage prescribed by CBSE.
- Allocate extra time for difficult concepts and regular revision.

### Practice Numericals and Diagrams

- Biology: Practice drawing and labeling diagrams such as Human Digestive System, Nephron, Flower, Human Eye, etc.
- Chemistry: Practice balancing chemical equations and understand reaction mechanisms clearly.
- Physics: Focus on numericals from topics like Ohm's Law, Electric Power, Light (Mirrors and Lenses).

### Solve Sample Papers and Previous Year Papers

- Attempt CBSE sample papers, DoE practice papers, and previous years' question papers to understand the exam pattern and improve time management.
- Analyze mistakes carefully and revise weak areas.

### Understand Concepts, Avoid Rote Learning

- Focus on conceptual clarity rather than memorization.
- Relate concepts to real-life applications, such as photosynthesis or chemical reactions in daily life.



### Make Short Notes for Quick Revision

- Prepare concise notes for formulae, definitions, important reactions, and processes.
- Use flowcharts and tables for better retention.

### Time Management During the Exam

- Allocate time to each section and stick to it strictly.
- Attempt easier questions first to build confidence and save time for lengthy answers.

### Pay Attention to Keywords and Units

- Highlight important keywords like *diffusion*, *refraction*, *oxidation*, etc.
- Always mention proper SI units in numericals.

### Revise Smartly

- Use the last few days before the exam for focused revision of important concepts, diagrams, and formulae.

### Stay Calm and Confident

- Get adequate rest before the exam.
- Avoid stress and trust your preparation.
- Practice deep breathing if you feel anxious.

### During the Exam

- Read the question paper carefully before starting.
- Draw and label diagrams accurately and neatly.
- Write answers neatly, show proper steps in calculations, and underline key points.

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### SUBJECT SPECIFIC EXAMINATION TIPS - CLASS X Social Science

- ✓ As the number of questions is 38 this year so prioritize your attempt in reading time.
- ✓ For Assertion and Reason based questions read the two statements independently and look if both of them are correct or not. If both of them are correct then analyse if absence or presence of reason statement make an impact on the assertion sentence. If Yes - then correct explanation and if No - not a correct explanation.
- ✓ For picture based questions go through the pictures and cartoons given in NCERT text books (especially in Political Science and History).
- ✓ Attempt 2, 3 marks and 5 marks questions highlighting the key points and important point of your answer.
- ✓ Use mind map, flow charts and other such visuals to substantiate your answer wherever possible.
- ✓ Practice the Map questions regularly instead of just taking a quick look. Fill the map and attach it with the answer book carefully.
- ✓ Do not attempt any extra question especially questions of internal choice.
- ✓ For Case based Questions answer may not be directly from the passage so a thorough reading of textbook will be required.
- ✓ Practice Data interpretation based questions thoroughly from the textbook.
- ✓ Answer the question of comparison or distinguish in a tabular form (if possible) and answer long answer type question in headings.

**As per the Circular No. CBSE/Co-ord/Class-X Sc. & S.Sc./2025 dated 09/12/2025, the following guidelines issued by CBSE must be strictly adhered to:**

1. Students will divide the answer book in 04 sections in Social Science for writing answers.
2. Replies of questions are to be written only within the space identified for the concerned section only.
3. Reply of a section should not be written or mixed in any other section.
4. In case, if replies are mixed, these will not be evaluated and no marks will be awarded.



## ANNEXURE III

## English Core (Subject Code: 301)

Session: 2025-26

## Examination Tips

**I. Effective Use of Pre-Reading Time**

- Utilize the **15-minute** reading time judiciously to understand the question paper.
- Read all instructions and questions carefully before beginning.
- Identify comparatively **easier** questions and **plan the sequence** of attempts accordingly.

**II. Time Management During the Examination**

- Divide** the three-hour examination duration systematically among the sections.
- Adhere strictly to the planned time frame to ensure completion of the paper.

**III. Prioritization of Questions**

- Begin with questions you find familiar.
- In Section C, attempt long answer questions first to secure maximum marks while maintaining clarity and depth.

**IV. Presentation and Neatness**

- Maintain **neat, legible** handwriting throughout the answer sheet.
- Clearly mention** the correct **question number and part number** for each response.
- Proper presentation** enhances readability and overall impression.

**Section A: Reading Skills**

- Skim the passage initially to grasp the **central idea** and tone.
- Scan the passage to **locate keywords** relevant to the questions.
- Read** the questions before reading the passage to focus on relevant details.
- Frame** answers in concise, well-structured sentences.
- Avoid** copying sentences directly from the passage; paraphrase appropriately.

**Section B: Creative Writing Skills**

- Be **thoroughly familiar with the formats** of all writing tasks, including: Notices, Invitations and Replies, Letters to the Editor, Job Applications, Article and Report writing.
- Follow the prescribed structure strictly.
- Introduction:** Clearly state the purpose of writing, **Body:** Present detailed information supported by examples, causes, effects or data, **Conclusion:** Offer logical suggestions, recommendations.

**3. Adherence to Word Limits**

- Use **relevant and updated** examples or statistics for Writing Tasks.
- Adhere to the given word limit.
- Ensure that Notices and Invitations are written **within a box**.



### Section C: Literature

- Read all chapters and poems carefully.
- Focus on key themes, character sketches, symbols and literary devices
- Understand the significance of titles, important incidents and developments.
- **Follow prescribed word limits.**

**Short Answers:** Be precise, relevant and specific

- **Long Answers:** Adopt a structured format:

**Introduction:** Brief context of the question, **Body:** Detailed explanation supported by textual references, **Conclusion:** Logical summary or inference

- For poetry extracts:

Mention the name of the poem and poet

Identify and explain the poetic devices

For prose extracts:

Mention the lesson name, author, theme, and figures of speech

Avoid copying lines directly from the extract while answering.

### Language and Presentation Guidelines

- Avoid unnecessary or complex vocabulary.
- Write in clear, concise sentences and avoiding verbosity.
- Ensure accuracy in spelling, punctuation, grammar, and tense usage.
- Proofread responses, if the time permits before submission.
- Use expressions indicating: Comparison, Contrast, Emphasis, Conclusion
- This enhances coherence and logical flow.

### Final Preparation Before the Examination

#### 1. Systematic Revision Plan

- Begin revision well in advance.
- Revise important formats, literary themes, summaries and key quotes.

#### 2. Practice Through Mock Papers

- Solve previous years' question papers and sample papers.
- Attempt practice papers available on the CBSE/DoE websites and those provided by teachers.
- Practice under timed conditions to improve speed and accuracy.
- Work on both solved and unsolved questions from support material.

#### 3. Awareness of Current Issues

- Stay informed about current affairs and social issues relevant to writing tasks.

#### 4. Stay Positive and Confident

- Remain calm and focused during the examination.
- Trust your preparation and make sincere attempts at all questions.



## HINDI (002)

### महत्वपूर्ण सुझावः

- परीक्षा में जाने से पूर्व स्वयं को शांत रखें, स्वयं पर आत्मविश्वास रखें।
- प्रश्नपत्र मिलने से पूर्व ही उत्तर-पुस्तिका की औपचारिकताएँ पूर्ण कर लें।
- प्रश्नपत्र मिलने के बाद प्रश्नों को ध्यानपूर्वक पढ़ें और उसके निर्देशों को समझने का प्रयास करें।
- प्रश्नपत्र तीन खंडों में होंगे, जहाँ खंड 'क' अपठित बोध से संबंधित है, वहाँ खंड 'ख' अभिव्यक्ति और माध्यम पर आधारित प्रश्नों से संबंधित है तथा खंड 'ग' पाठ्यपुस्तकों अंतरा भाग 2 और अंतराल भाग 2 पर आधारित होगा।
- आप अपनी सुविधा के अनुसार किसी भी खंड से शुरुआत कर सकते हैं किंतु प्रयास करें कि जिस भी खंड से शुरुआत करें उस खंड के सभी प्रश्नों को क्रमानुसार हल करें।
- अधिक भारांक वाले प्रश्नों को प्राथमिकता दें, जैसे रचनात्मक लेखन, गद्य और पद्य याठों की सप्रसंग व्याख्या आदि।
- रचनात्मक लेखन में नवीनता, मौतिकता और रचनात्मकता के साथ भाषा शैली का ध्यान रखें।
- सप्रसंग व्याख्या में सबसे पहले संदर्भ अर्थात् वह गद्यांश/पद्यांश कहाँ से लिया गया है, उस पाठ के लेखक कौन हैं? आदि को लिखें। फिर प्रसंग अर्थात् पूर्वापर घटना का उल्लेख करें, इसके बाद गद्यांश/पद्यांश की व्याख्या करें और अंत में विशेष अर्थात् भाषा, अलंकार अथवा अंश के किसी महत्वपूर्ण तथ्य का उल्लेख करें।
- अपठित गद्यांश, अपठित पद्यांश के प्रश्नों को सावधानीपूर्वक हल करें, गद्यांश अथवा पद्यांश को कम से कम दो बार अवश्य पढ़ें तथा पूछे गए प्रश्नों को समझकर ही उसके विकल्पों का चयन करें या उत्तर लिखें।
- दक्षता आधारित या कथन और कारण वाले प्रश्नों को बहुत ध्यानपूर्वक पढ़ें तथा सबसे पहले गलत विकल्पों को पहचान कर सही विकल्प तक पहुँचने का प्रयास करें।
- सभी प्रश्नों को हल करते समय शब्द-सीमा का ध्यान रखें। प्रश्नों के उत्तर में अनावश्यक विस्तार से बचें, सिर्फ उतना ही लिखें जितना पूछा गया है।
- उत्तर प्रश्नों के भाराक के अनुसार लिखें, जैसे 2 अंक के प्रश्न को हल करते समय कम से कम 2 मूल्य-बिंदु अवश्य लिखें, इसी प्रकार 4 अंक के प्रश्न को हल करते समय कम से कम 4 मूल्य-बिंदु अवश्य लिखें।
- वर्तनीगत अशुद्धियों से बचें, भाषा का विशेष ध्यान रखें।
- उत्तर-पुस्तिका में स्वच्छ और सुंदर रूप में लिखने का प्रयास करें।
- दो उत्तरों के मध्य एक या दो पंक्ति का स्थान अवश्य छोड़ें।
- समय-प्रबंधन का विशेष ध्यान रखें।

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## HISTORY (027)

- Read general instructions carefully to understand the relationship between marks and word limit of the questions.
- Utilise the first 15 minutes to read the question paper and plan strategy.
- Write your answer in points and underline key words and phrases.
- Among questions with internal choices, select the ones that you know the best.
- Use the word 'probably' in history for open ended questions.
- Prepare statement-based questions very thoroughly.
- Try to substantiate the answer with flow chart/mind map/ example / diagram wherever possible
- Go through the pictures given in NCERT books for picture-based questions
- Practice map from the list provided along with syllabus, as it is very scoring.
- For Assertion and Reason based questions read the two statements independently and look if both of them are correct or not. If both of them are correct then analyse if absence or presence of reason statement make an impact on the assertion sentence. If yes, then correct explanation and if no, not a correct explanation.
- Revise Using Short Notes.
- Practice Long Answer Questions.
- Solve Sample Papers and Previous Years' Papers.
- Practice Time Management.
- Don't panic; Stay Calm and Positive.
- Write all the answers of one section together.
- Write legibly; avoid cutting.
- Attempt all questions.
- Read the MCQ questions carefully before answering them.
- In case/source-based questions, do not search answer in the paragraph always. The paragraph is given to set context.
- Fill the map and attach it in between the answer book carefully.
- Do not attempt the questions meant for visually impaired students if you do not fall in this category.



## POLITICAL SCIENCE (028)

1. Attempt all questions with clear, bold and correct question numbers. Write only answers no need to write question.
2. Prefer to attempt answering section wise means answering of each section should be within that section only.
3. Write the answers as per the prescribed word limit and according to the allocated marks. Long answers Type-I and II, 4 markers and 6 markers should be answered in 4 and 6 headings at least with proper explanations.
4. You may attempt one marker at the end thus even answering in the option alphabet may also work.
5. It is very important to attempt map question within the table only as per given format. Do not tear the map from the question paper.
6. In the map question's table fill column three i.e. name of the state before column two i.e. concerned alphabet. Thus, you will be able to fix which alphabet is in that state.
7. For cartoon question practice well daily with watching and learning the caption below the cartoon and what that is depicting/conveying and which characters are there in it.
8. Choose the most appropriate option for the passage-based questions. Sometime answer may not be in the passage and your competence and understanding will work.
9. For Assertion and Reasoning question first check the wrong statement if any which will make an answer from option C or D only. If both the statements are correct then put a 'because' between A and if not, then the answer is option B.
10. Try to use concept map/mind map, flow chart, bar diagram, Pie -diagram, chart, table, time line etc. within your answer wherever applicable.
11. You may try to answer in reverse order if you are comfortable enough.
12. Use your first 15 minutes to well plan what and how to write and at the end spare time to revise the answers.

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## ECONOMICS (030)

### Tips for effective preparation:

- Understanding the syllabus structure. The paper has two parts - **Macroeconomics (Part A) and Indian Economic Development (Part B)**. Each carries equal weightage, so balance your preparation between both.
- Focus on **conceptual clarity**:  
Economics is about understanding concepts, not memorizing. Make sure you grasp the logic behind theories like national income determination, money supply, or balance of payments. Use diagrams wherever applicable as they help clarify concepts and earn you marks.
- **Practice numerical problems** regularly Topics like national income calculation, money multiplier, foreign exchange rate changes, and index numbers require consistent practice. Work through previous year questions and sample papers to build speed and accuracy.
- **Create concise notes**, make chapter-wise summary notes with key definitions, formulas, and important points. For Indian Economic Development, note down important data, government schemes, and their objectives. These notes will be invaluable during revision.
- Use diagrams effectively Draw neat, labeled diagrams for concepts like aggregate demand-supply, investment-saving equilibrium, and production possibility curves. In CBSE marking schemes, diagrams often carry dedicated marks.
- Stay updated on current economic issues For Part B especially, being aware of recent economic policies, budget announcements, or economic surveys can help you add relevant examples to your answers and show deeper understanding.
- Work on answer presentation Structure your answers with proper introduction, explanation with diagrams where needed, and conclusion. Use underlining for key terms. For 3-4-mark questions, write in points; for 6-mark questions, write in paragraphs with subheadings.
- Solve previous years' papers This is crucial. It helps you understand question patterns, manage time, and identify frequently asked topics. Try to solve at least 5-7 years of past papers under timed conditions.

### Study Tips for Macroeconomics:

- Macroeconomics is conceptual. If you understand the "why," you won't need to memorize much.
- Master the Numericals: Focus heavily on National Income (Value Added, Income, and Expenditure methods) and the Multiplier (MPC, MPS, K). Practice 2-3 numericals daily to avoid silly calculation errors.



- Diagrams are Crucial: Practice drawing AD-AS curves, the Circular Flow of Income, and Investment Multiplier graphs. Ensure they are neat and well-labeled.
- Logical Chains: For topics like "Control of Money Supply," understand the chain of effects. For example: Rise in Repo Rate, Rise in Cost of Borrowing, Decrease in Credit Demand, Decrease in Money Supply.

### **Study Tips for Indian Economic Development (IED):**

- IED is more about facts, dates, and trends. It requires a different approach.
- Focus on Keywords: CBSE examiners look for specific terms (e.g., "Navratnas," "LPG Reforms," "Sustainable Development"). Underline these in your answers.
- Make a Timeline: Create a chart of important years (e.g., 1950: Planning Commission; 1991: New Economic Policy; 1978: Reforms in China).
- Comparative Analysis: The last unit (India, Pakistan, China) is high-scoring. Make a table comparing their growth rates, population density, and sectoral contributions.

### **Exam Presentation & Strategy:**

- How you write is as important as what you know.
- Point-wise Answers: Never write long paragraphs. Use bullet points with sub-headings.
- The "Definition-Diagram-Explanation" Rule: For 4 or 6-mark questions, always start with a formal definition, follow with a diagram (if applicable), and then explain the points.
- Time Management: Aim to finish the 80-mark paper in 2.5 hours. Spend the last 30 minutes revising and underlining keywords.
- Use NCERT as the Bible, specially for Indian economic development: While reference books are great for practice, stick to NCERT definitions for the board exam.

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## MATHEMATICS (041)

The 2026 CBSE Board Exams bring a renewed focus on **conceptual clarity, critical reasoning, and real-world application**. With 50% of the paper now consisting of competency-based questions — such as **case studies, data interpretation, and situational tasks** — success in these exams will depend more on understanding than memorization.

Below is a comprehensive guide to help students prepare strategically and perform their best.

### 1. Focus on Conceptual Understanding

#### Stop Memorising, Start Understanding

Rote learning no longer guarantees good marks. Instead, aim to grasp **why** a concept works.

- Ask “how” and “why” questions after reading each topic.
- Relate ideas to real-life applications — e.g., link the concept of probability to weather forecasts or games.
- Use concept maps, flowcharts, and examples to reinforce retention.

#### Write in Your Own Words

Express your understanding rather than reproducing textbook phrases.

- Use short, clear sentences.
- Prioritize accuracy and relevance over length.
- Avoid jargon unless necessary — clarity earns marks.

#### Connect Concepts to Real-Life Scenarios

In case-based or competency questions, show how theory applies.

### 2. Prepare for Competency-Based Questions

The new CBSE pattern introduces more **applied question types**, such as:

- Multiple Choice Questions (MCQs)
- Case-based questions
- Source-based integrated questions
- Data interpretation tasks
- Situation-based and problem-solving items

#### How to prepare:

- Practice interpreting tables, graphs, and data sets.
- Attempt previous years' competency-style questions from CBSE sample papers.
- Develop your ability to read between the lines and make inferences.

### 3. Smart Study Strategies

#### Start Preparing Early

Plan your study well in advance. Begin by setting up a **realistic revision timetable** that gives more time to challenging areas. Early revisions allow multiple reviews and stress-free preparation.

#### Review Previous-Year Question Papers and CBSE Sample Paper

- Practise **past 5-year papers** and **latest sample papers** and Practice paper (DoE)
- Attempt them under timed conditions to improve speed and confidence.



- Note recurring patterns — such as question types, marking weightage, or common themes.

### Use Active Learning Techniques

- Create **mind maps**, **flashcards**, or **summary sheets** for each chapter.
- Teach a concept to a peer or record a short explainer video. “*To teach is to learn twice.*”
- Link new topics with previously learned ones for deeper associations.

## 4. Mathematics: Exam-Focused Preparation

Mathematics needs **systematic conceptual clarity, practice, and exam discipline**.

1. **Identify scoring and high-weightage topics** like integration, vectors, 3D geometry, probability, and relations.
2. **Prioritize and plan** the syllabus by complexity — easier to harder.
3. **Practise regularly** through NCERT examples, exercise questions, and CBSE sample papers.
4. **Revisit mistakes** from pre-board and mid-term tests — they highlight weak spots.
5. **Mind map core concepts** to connect topics (e.g., connect derivatives to applications in maxima-minima).
6. **Use the 4 Ps** during the exam:
  - **Preparation** — complete conceptual clarity.
  - **Planning** — time allocation and sequence of attempts.
  - **Precision** — accuracy of steps and reasoning.
  - **Presentation** — neat, labelled steps, boxed final answers.
7. Decide **in advance the order of attempting questions** — start with what you know best for a confidence boost.
8. **Pace yourself** — allocate fixed time per question and leave at least 10–15 minutes for review.

## 5. Group Learning and Peer Interaction

- Form study groups to explain and discuss difficult topics — you'll spot new perspectives.
- Group quizzing or explaining problem-solving steps can make learning interactive.
- Peer accountability keeps motivation high and breaks monotony.

## 6. Test and Train Your Memory

- Regularly self-test by writing what you remember after each chapter.
- Use flashcards, mock quizzes, and summaries without notes nearby.
- Challenge your recall — this strengthens retention far more than rereading notes.

## 7. Balance Study and Well-Being

### Use the Pomodoro or 45–15 Rule



Concentrate for 25–45 minutes, then take a 5–15-minute meaningful break (stretch, walk, or hydrate). Avoid social media distractions — they interrupt focus.

#### Maintain a Positive Mindset

- Progress matters more than perfection.
- Engage in short walks or talk with supportive friends and family.
- Use affirmations like “*I’m prepared and improving every day.*”

### 8. Exam-Day Strategies

1. **Arrive early**, stay calm, and do light revision.
2. **Read the entire paper first** to plan your time.
3. **Start with easier questions** to build confidence.
4. **Highlight or underline key points** in long answers.
5. **Show working clearly** in numerical or reasoning-based questions.
6. **Keep answers neat and well-structured** — introduction, explanation, conclusion.
7. **Review your answers** if time permits, especially calculations and diagrams.
8. **Carry all essentials** — pens, geometry set, admit card, and water bottle.

#### Final Takeaway

Success will come through

- Clear conceptual understanding
- Logical articulation
- Consistent practice
- Balanced mindset

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## PHYSICS (042)

CBSE Board Exams bring a renewed **focus on conceptual clarity, critical reasoning, and real-world application**. With **50% of the paper now consisting of competency-based questions — such as case studies, data interpretation, and situational tasks** — success in these exams will depend more on **understanding than memorization**.

### 1. Preparation Strategy

- The "NCERT First" Rule: Boards strictly follow NCERT. Solve every solved example and back-exercise question. Many board questions are taken directly from these.
- Derivation List: Create a separate notebook for derivations. Practice high-frequency ones like the Electric field due to a dipole, Lens Maker's Formula, and the Bohr Model of a Hydrogen Atom at least 3 times each.
- Formula Sheet: Make a chapter-wise sheet for formulas, SI units, and dimensions. Review this daily.
- Numerical Practice: Physics numerical aren't just about the answer. Practice writing: Given Data → Formula Used → Substitution → Final Answer with Units.
- Practice diagram/graph-based questions given in question papers of past three years CBSE papers.
- CBSE sample paper and DoE practice paper.
- Must do topics and question bank from DoE site.

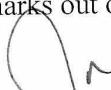
### 2. High-Yield Topics & Weightage

**Focus on units that carry the most marks to secure a high score quickly:**

- Optics (14 Marks): Ray Optics (10) and Wave Optics (4). This is the highest weightage unit. Focus on Lens Maker's formula, Prism formula, and Huygen's principle, Optical instruments, interference and diffraction.
- Electrostatics & Current Electricity (16 Marks): Focus on Gauss's Law applications, Capacitors (with dielectrics), and Kirchhoff's Laws numerical.
- Magnetic effects of current, EMI & AC (17 Marks): Focus on MCG and its conversion, Ac generator, Transformer.
- Modern Physics (12 Marks): Atoms, Nuclei, and Dual Nature. These are theoretical and easier to score in.
- Semiconductor Electronics (7 Marks): Focus on p-n junction diodes, rectifiers, and I-V characteristics.

### 3. Paper Presentation Hacks (Topper's Secrets)

- **Diagrams:** Always draw diagrams using a pencil and ruler. Label them on the right side. Even if not asked, a small diagram for a derivation can earn you "presentation brownie points."
- **Step Marking:** If you don't know the final answer to a numerical, write the formula and substitute values. You will still get 1-1.5 marks out of 2.



- **Highlighting:** Underline or box your final answers and key terms in theoretical answers.
- **Distinction:** For "Distinguish between..." questions, always use a T-table format.

#### 4. Strategy for Specific Question Types

- **Assertion-Reasoning:**
  1. Read the Assertion (A) independently. Is it true?
  2. Read the Reason (R) independently. Is it true?
  3. If both are true, ask: "Does the Reason explain *why* the Assertion is true?" (Use the word "because" in between them).
- **Case-Study Questions:** Don't spend too much time reading the passage first. Skim the questions first, then find the relevant data in the text. Often, these questions can be solved using your own knowledge even without the passage.

#### 5. Time Management (The 180-Minute Plan)

- **Reading Time (15 Mins):** Use this to solve at least 5–8 MCQs mentally. Identify which "OR" questions you will attempt in Section E.
- **First 60 Mins:** Complete Section E (Long Answers) and Section D (Case Studies) while your mind is fresh and you have maximum energy for long derivations.
- **Next 60 Mins:** Complete Sections B and C.
- **Final 60 Mins:** Solve MCQs and leave 10–15 minutes for a final check (units, question numbers, and highlighting).

#### 6. Common Mistakes to Avoid

- **Missing Units:** Forgetting to write 'Tesla', 'Farad', or 'Ohm' at the end of a numerical can cost you 0.5 marks every time.
- **Overwriting:** Don't write a page for a 1-mark question. Stick to 1–2 lines or the specific point.
- **Sign Convention:** Be extremely careful with signs (+/-) in Ray Optics and Electricity numerical. One wrong sign ruins the entire calculation.
- **Question Numbering:** If you answer Section E first, ensure the question numbers match the paper exactly. Incorrect numbering often leads to zero marks.

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## CHEMISTRY (043)

### Physical chemistry: Chapter (Solutions, Electrochemistry and Chemical Kinetics)

- Learn important formulae for solving numerical problems. First write the correct formula, substitute and then solve the numerical
- Practice numerical from examples and unsolved problems given in the NCERT Book.

### Inorganic Chemistry: Chapter (d & f block elements and Coordination Compounds)

- Learn reasoning-based questions of physical properties in the form of flowchart.
- Learn d- block (characteristic properties, preparation and reactions of  $K_2Cr_2O_7$  and  $KMnO_4$ ) and f- block (lanthanoid contraction, oxidation states and ionization enthalpy)
- For coordination compounds, practice nomenclature, prepare a chart of isomerism, attempt questions from Werner's theory, VBT and CFT.

### Organic Chemistry: Chapter (Haloalkanes & Haloarenes, Alcohols, Phenols & Ethers, Aldehydes, ketones & Carboxylic acids, Amines and Biomolecules)

- Learn chemical equations in the form of flow-chart especially in organic chemistry for organic conversions.
- Reaction mechanism must be thoroughly revised i.e.  $S_N1$  ,  $S_N2$ ,  $\beta$ -elimination, nucleophilic addition of carbonyl compounds, hydration and dehydration of alcohol etc.
- Practice distinguishing tests (Lucas' test,  $NaHCO_3$  test, 2,4-DNP test, Tollens' test, Fehling's test, iodoform test, Carbylamine test, Hinsberg test, azo dye test)
- Learn 'name reactions' from NCERT book.
- For Biomolecules, learn definitions with examples, reactions of D-Glucose, structures of proteins and denaturation of proteins, DNA and RNA, deficiency diseases of vitamins.

### Some tips before the final Exam:

- Start revision well in advance before the exam.
- Solve past years' question papers and sample papers.
- Attempt Practice Papers given on the DOE/CBSE website and the ones shared by your teachers.
- Practice under timed conditions to improve speed and accuracy.
- Practice solved/unsolved papers and questions given in support material.
- Stay Positive and Confident & calm during the exam.
- Trust your preparation and attempt all questions.



## BIOLOGY (044)

<b><u>SYLLABUS WEIGHTAGE (70 Marks)</u></b>	<b><u>SYLLABUS WEIGHTAGE (70 Marks)</u></b>
<ul style="list-style-type: none"> <li>• Genetics &amp; Evolution – 20 marks (Highest priority)</li> <li>Reproduction – 16 marks</li> <li>• Biotechnology – 12 marks</li> <li>• Human Health &amp; Welfare – 12 marks</li> <li>• Ecology &amp; Environment – 10 marks</li> </ul>	<ul style="list-style-type: none"> <li>• Genetics &amp; Evolution – 20 marks (Highest priority)</li> <li>Reproduction – 16 marks</li> <li>• Biotechnology – 12 marks</li> <li>• Human Health &amp; Welfare – 12 marks</li> <li>• Ecology &amp; Environment – 10 marks</li> </ul>
<b><u>TIME MANAGEMENT</u></b> <ul style="list-style-type: none"> <li>• Section A – 35 minutes</li> <li>• Section B – 20 minutes</li> <li>• Section C – 45 minutes</li> <li>• Section D – 20 minutes</li> <li>• Section C – 45 minutes</li> <li>• Section D – 20 minutes</li> <li>• Section E – 40 minutes</li> <li>• Last 15 minutes – Revision</li> </ul>	<b><u>ANSWER WRITING TIPS</u></b> <ul style="list-style-type: none"> <li>• Write answers in bullet points or tables</li> <li>• Underline keywords</li> <li>• Prefer labelled diagrams over long text</li> <li>• Use NCERT terminology</li> <li>• Leave proper spacing and margins</li> </ul>
<b><u>DIAGRAM STRATEGY (VERY IMPORTANT)</u></b> <ul style="list-style-type: none"> <li>• Practice ovule, embryo sac, heart, nephron</li> <li>• DNA replication, transcription, lac operon, PCR</li> <li>• Ecological pyramids and cycles</li> <li>• No coloring or shading, labels should be neat</li> </ul>	<b><u>CASE-BASED QUESTIONS</u></b> <ul style="list-style-type: none"> <li>• Read questions first, then passage</li> <li>• Each MCQ is independent</li> <li>• Mostly logic and NCERT-based</li> </ul> <b><u>15 MINUTE READING TIME HACK</u></b> <ul style="list-style-type: none"> <li>• Select internal choices first</li> <li>• Mark easy questions</li> <li>• Identify tough questions to attempt later</li> </ul>
<b><u>COMMON MISTAKES TO AVOID</u></b> <ul style="list-style-type: none"> <li>• Poor labelling of diagrams</li> <li>• Writing long unnecessary answers</li> <li>• Skipping revision</li> <li>• Using coloured pens</li> </ul>	



## PHYSICAL EDUCATION (048)

- Fixtures
- Role of different committees
- Common postural deformities
- Special consideration (menarche and menstrual dysfunction)
- Female athlete triad (osteoporosis, amenorrhea, eating disorders)
- Importance of various asanas for preventive measures of obesity, diabetes, asthma, hypertension, back pain.
- Advantages for Children with Special Need through Physical Activities
- Strategies physical activities accessible for children with special needs
- Eating for Weight control – A Healthy Weight, The Pitfalls of Dieting, Food Intolerance and Food Myths
- Macro and Micro Nutrients: Food sources and functions
- BMI, BMR, Harvard step test
- Effect of exercise on Muscular System
- Effect of exercise on Cardio- Respiratory System
- Newton's Law of Motion & its application in sports.
- Types of Levers and their application in Sports.
- Friction and Sports
- Personality; its definition & types (Jung Classification & Big Five Theory)
- Psychological Attributes in Sports – Self Esteem, Mental Imagery, Self-Talk, Goal Setting
- Different types & methods to develop –strength, endurance, and speed in sports training.
- Different types & methods to develop – flexibility and coordinative ability.

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## **BUSINESS STUDIES (054)**

- For the tricky case study-based questions, students are advised to go through the question at least twice. Read the case study provided carefully and mark out the important points.
- Write your answers in points and use illustrations like charts, graphs and cartoon wherever needed.
- Prepare short notes which can assist to revise the entire syllabus in less time.
- Don't restrict yourself to the reference textbooks only, and make sure to solve previous year board question papers, CBSE sample papers and practice papers provided by DOE according to new suggested question paper design.
- Special emphasis should be given on the Competency based questions including Assertion and Reason based questions,
- Statement based questions, Pictorial Questions and Case based questions on the following Topics- Coordination, Fayol's and Taylor's Principles of Management, Dimensions of Business
- Environment, Types of Plans, Organizational Structure, Delegation and Decentralization, Recruitment and Selection, Leadership,
- Motivation and Communication, Financial Decisions, Money Market and Capital Market, SEBI, Marketing Mix, Physical Distribution, Public Relation, Rights and Responsibilities of Consumers and Redressal machinery.

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## ACCOUNTANCY (055)

- Special Attention should be given while making formats of Journal/Ledger/Balance Sheet or any other statement and do not forget to write Dr., Cr., Particulars, Narrations (in Journal entries) and sign of new Indian rupee symbol wherever needed. The solutions must be backed by precise working notes whosesoever needed/asked.
- Accountancy requires more practice; therefore, one must solve as many questions as they can. Also, don't restrict yourself to the reference textbooks only.
- Make sure to solve previous year board question papers, CBSE sample papers and practice papers provided by DOE according to new suggested question paper design.
- Special emphasis should be given on Competency based questions including Assertion and Reason based questions,
- Statement based questions and Case based questions on the following Topics- Fundamentals of partnership (Past adjustments and Guarantee), Admission of a Partner (Capital Adjustment), Retirement of a Partner (Capital adjustment), Dissolution (Journal entries), Issue of shares( forfeiture and reissue with pro rata), Issue of Debentures (issue of debentures with term of redemption), items to be shown in the balance sheet under different heads and sub heads, Comparative and Common size statements, Ratio Analysis(Short term and long term solvency ratios) and Cash flow statement.

