

# City Montessori School, Lucknow

## Syllabus 2024 – 2025

### Class XII

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**NOTE:** Please refer to ISC Council Syllabus and Scope of Syllabus 2025 for further reference.

## AIMS AND OBJECTIVES

### MORAL EDUCATION:

1. To develop in every student the essential elements of morality.
2. To develop the values and capabilities necessary for making right decisions and upright conduct.
3. To develop in them the attitude of open mindedness, to appreciate and be ready to accept others and to act constructively not defensively.
4. To develop the skill of striving not only for good but to handle the conflicting situations without demeaning self and others.
5. To develop the ability to monitor themselves and find out constructive ways of conflict resolutions.
6. To promote the development of good character for the purpose of lessening crime and raising the standard of good citizenship.

### ENGLISH LANGUAGE:

1. To develop habits of:
  - a. clear articulate expression, using accepted syntactical forms and structures with a firm grasp of idioms;
  - b. critical thinking, involving assessment and analysis of the written material provided.
2. To develop the capacity to critically and innovatively examine and to assess the value of passages of argumentative writing, to consider the assumptions upon which the arguments rest and to trace the implications that follow.
3. To develop adequate and appropriate vocabulary.
4. To develop the ability to comprehend and appreciate good prose.

### ENGLISH (Prescribed Texts):

1. To develop an appreciation of literature through a critical study of selected literary works.
2. To help students achieve through the study of literature, an understanding of the study of man.
3. To create an interest in the warp of thought, which differs from that of the group to which, the student belongs.
4. To develop the power of expression.

### HINDI:

1. To develop habits of clear articulate expression using accepted syntactical forms and structures, with a firm grasp of idiom and to comprehend and appreciate good prose.
2. To expose candidates to a deeper knowledge and appreciation of literary works in the language.

**HISTORY:**

1. To provide accurate knowledge of the most significant events and personalities of the period under study in sequence and in context.
2. To familiarise candidates with factual evidence.
3. To develop an understanding of the existence of problems and relevance of evidence of explanations.
4. To develop the capacity to marshal facts and evaluate evidence and to discuss issues from a historical point of view.
5. To develop the capacity to read historical views in the light of new evidence or new interpretation of evidence.
6. To foster a sense of historical continuity.
7. To familiarise candidates with various types of historical evidence and to provide some awareness of the problems involved in evaluating different kind of source materials.

**PSYCHOLOGY:**

1. To develop an understanding of human behaviour: the nature of individuals and of members of social groups.
2. To develop an understanding of the methods of research and study employed in psychology.
3. To develop an appreciation of the practical value of psychology and its applications in daily life.

**ECONOMICS:**

1. To enable candidates to acquire knowledge, information and develop an understanding of facts, terms, concepts, conventions, trends, principles, generalisations, assumptions, hypothesis, problems, processes etc. in economics.
2. To acquaint candidates with tools of economic analysis.
3. To develop an understanding of important economic problems.
4. To acquaint candidates with the main institutions through which the productive process is carried out.
5. To develop an understanding of the role of institutions in the functioning of an economy.
6. To enable candidates to compare their own economic structure with that of the other areas of the world.

**COMMERCE:**

1. To develop an interest in the theory and practice of business, trade and industry.
2. To familiarise candidates with theoretical foundations, organising, managing and handling operations of a business firm.
3. To provide a study of the more important aspects of the commercial world.

4. To provide knowledge of the activities of commerce in the marketing of goods and services.

**ACCOUNTS:**

1. To provide an understanding of the principles of accounts and practice in recording transactions and interpreting individual as well as company accounts.
2. To develop an understanding of the form and classification of financial statements as a means of communicating financial information.

**MATHEMATICS:**

1. To enable candidates to acquire knowledge and to develop an understanding of the terms, concepts, symbols, definitions, principles, processes, formulae and theorems of mathematics.
2. To develop the ability to apply the knowledge and understanding of mathematics to unfamiliar situations or to new problems.
3. To develop skills of –
  - a. computation
  - b. drawing geometrical figures and graphs
  - c. reading tables, charts, graphs, etc.
4. To develop an appreciation of the role of mathematics in day-to-day life.
5. To develop an interest in mathematics.
6. To develop mathematical aptitude through the study of mathematics.

**PHYSICS:**

1. To enable candidates to acquire knowledge and to develop an understanding of the terms, facts, concepts, definitions, fundamental laws, principles and processes in the field of physics.
2. To develop the ability to apply the knowledge and understanding of physics to unfamiliar situations.
3. To develop a scientific attitude.
4. To develop skills in –
  - a. the practical aspects of handling apparatus, recording observations and
  - b. Drawing diagrams, graphs etc.
5. To develop an appreciation of the contribution of physics towards scientific and technological developments and towards human happiness.

**CHEMISTRY:**

1. To foster acquisition of knowledge and understanding of terms concepts, fact, processes and principles.
2. To develop the ability to apply the knowledge of contents and principles of chemistry in unfamiliar situations.
3. To develop skills in proper handling of chemicals and apparatus.
4. To develop and ability to appreciate achievements and its role in nature and society.
5. To develop an interest in activities involving the usage of the knowledge of chemistry.

**BIOLOGY:**

1. To enable candidates to acquire the knowledge and to develop an understanding of biological terms, concepts, facts, formulae, etc.
2. To create awareness about the problems of the environment and the manner in which these problems can be overcome.
3. To develop the ability to appreciate biological phenomena in nature and the contribution of biology to human welfare.
4. To develop interest in plants and animals and their respective environments.
5. To develop scientific attitude towards scientific phenomena.
6. To create awareness of the fundamentals of human biology, food, health, nutrition and population control.

**COMPUTER SCIENCE:**

1. To enable students to comprehend basic concepts and practices for problem solving.
2. To develop an understanding of how computers store and process data.
3. To develop the ability to describe the major components of computer hardware and their functions and interactions.
4. To develop the ability to analyse applications and systems of interacting objects.
5. To develop the ability to code, test, debug, document and validate programs to implement various algorithms.
6. To develop an appreciation of the implications of computer use in everyday life in contemporary society.

**BIOTECHNOLOGY:**

1. To enable candidates to acquire the knowledge and develop an understanding of how materials are provided by biological agents to provide goods and services.
2. To appreciate the role played by biotechnology in improving health care of human beings.
3. To understand the interdisciplinary nature of this subject.
4. To create awareness about the appreciation of biological processes to industries.
5. To develop the ability to appreciate biological phenomenon in nature and the contribution of biotechnology to human welfare.
6. To develop scientific attitude towards biological phenomenon.

**MORAL EDUCATION**

**Name of the Textbook: Pathfinders, Book - 2**  
**Publisher: FAS**

APRIL - NOVEMBER			
Suggested Month	Chapter Number	Name of the Chapter	
April-May	7	The Mystery of Pain	39
July-August	8	The Purpose of Life	47
November	9	Putting Knowledge into Action	54

**Note:** Written work for every chapter mentioned above.

- Competence Building
- Group discussion.

## ENGLISH LANGUAGE

Note: English Language test papers to be prescribed by the subject teachers at the branch level.

Question No.	Topics
<b>1.</b>	<b>Composition:</b>
<b>a</b>	narrative
<b>b</b>	descriptive
<b>c</b>	reflective
<b>d</b>	discursive
<b>e</b>	argumentative
<b>f</b>	story writing
<b>2. (a)</b>	<b>Directed Writing:</b>
	Report Writing
(i)	- an accident
(ii)	- a natural calamity
(iii)	- coverage of an official function
(iv)	- visit of a dignitary
(v)	- an incident
	Speech writing
	Feature Article
	Book review
	Statement of purpose
<b>2(b)</b>	<b>Proposal Writing</b>
<b>3.</b>	<b>Functional Grammar:</b>
<b>a</b>	transformation of sentences
<b>b</b>	prepositions
<b>c</b>	tenses
<b>4.</b>	<b>Comprehension:</b>
<b>a (i)</b>	synonymous words
<b>(ii)</b>	different meaning sentences
<b>b</b>	comprehension questions
<b>c</b>	précis writing
<b>June-July</b>	<b>FIRST COMPARATIVE EXAMINATION</b>

September-October	<b>SECOND COMPARATIVE EXAMINATION</b>
December	<b>FIRST PRE BOARD EXAMINATION</b>
January	<b>SECOND PRE-BOARD EXAMINATION</b>
February	<b>THIRD PRE-BOARD EXAMINATION</b>
(* One Complete Test Paper to be done every month)	

### Paper 1: English Language (3 hours, 80 marks)

**Question 1** – A composition on one of a number of subjects. (400-450 words)  
... **20 marks**

**Question 2(a)** – A short composition based on the information and ideas provided.  
(300 words) ... **15 marks**

**Question 2(b)** – Proposal Writing (150 words) ... **10 marks**

**Question 3** – Short-answer questions to test grammar, structure and usage.  
... **15 marks**

**Question 4** – Comprehension (about 700 words will be provided) ... **20 marks**

**Project Work ... 20 marks**

**Note: Please refer to the Council Syllabus 2025.**

### PROPOSAL WRITING

**Guidelines and marks distribution for Proposal Writing, question 2(b)**

#### General Instructions:

- Only student centric topics should be given for writing a proposal.
- Word limit is approximately 150 words. However, it should not exceed 160 words.
- It should be divided into three distinct parts i.e., the Heading, Objective and Measures.
- Heading and Objective must be written in a **paragraph** form and Measures in numbers and points / bullets.
- After each heading, using a colon sign (: ) is a must.

- All paragraphs must be aligned towards the left.
- 1. Heading:** The candidates will be required to convey the specific task that the project is supposed to achieve. It should be creative, clear and concise and have atleast two points to define the purpose.
  - 2. Objective:** The candidates will be required to explain the goals and objectives of the proposed project. At least **two objectives in a paragraph** should be stated clearly.
  - 3. Measures:** The candidates will be required to explain the specific steps and method of what is to be done as:
    1. What do they plan to do?
    2. Total number of members involved in the project
    3. Proposed activities
    4. Time that will be taken to complete the project
    5. Budgetary and non-financial needs, i.e. How much money will be spent on the project and what non-financial resources are required? (human capital, infrastructure, other resources required, etc.)

Concluding sentence: The proposal should be concluded with a sentence stating that you are hopeful that your proposal will be accepted.

Based on the above mentioned points, the mark distribution for different heads under proposal writing is as follows:

**Maximum Marks: 10**

<b>Heading:</b>	<b>2</b>
<b>Objectives:</b>	<b>2</b> (Objectives + Expression)
<b>Measures:</b>	<b>4</b>
<b>Linguistic ability</b>	<b>2</b>

**SPECIMEN FOR PROPOSAL WRITING**

**PROPOSAL FOR SETTING UP A SCIENCE CLUB**

Heading/Introduction: To foster an interest in Science outside the classroom and introduce students to the wonders and relevance of Science in our lives, we propose to set up a Science Club in school.
<i>(minimum 2 points – 2 marks)</i>
Objectives: A Science Club will help students overcome their phobias

regarding Science. It will be instrumental in developing the scientific curiosity of students through its activities and programmes.
<i>(minimum 2 points – 2 marks)</i>
List of Measures:
<ul style="list-style-type: none"> <li>• The middle-school activity room will be used as the room for all Science Club meetings and activities.</li> <li>• The meetings will take place once a week after school from 2.00 pm till 3.30 pm. Any activities such as talks by scientists or competitions will take place on Saturdays.</li> <li>• Membership of the Science Club will be open to all students from Classes VI to XII. The Club President will be Mr. Sinha, our Senior Physics Teacher. Eight other office bearers will be elected from the members of the Club.</li> <li>• Club membership has been fixed at Rs. 250/- per member per year.</li> <li>• The Club will have a range of activities ranging from Science Fairs, Robot making, creating slogans and posters, documentaries and so on.</li> </ul>
<i>(minimum 4 points – 4 marks)</i>
We hope that the proposal will be accepted so that the Science Club becomes a reality in the life of the school.
<i>(linguistic ability – 2 marks)</i>
<b>[Total – 10 marks]</b>
<b>IMPORTANT NOTICE: It is suggested that while writing a proposal, the students provide an apt title, a Heading i.e. an introduction of about 2 sentences, a minimum of 2 objectives and a list of measures of a minimum of 4 points. The proposal should be concluded with an appropriate sentence, 2 marks will be awarded for linguistic ability.</b>

### LITERATURE IN ENGLISH (Prescribed Texts)

- Name of the Textbook:**
1. Macbeth (Turner Edition)
  2. Prism: A Collection of ISC Short Stories
  3. Rhapsody: A Collection of ISC Poems
- Author:** 1. William Shakespeare
- Publisher:**
1. S. Chand
  2. Evergreen Publications (India) Ltd., New Delhi
  3. Evergreen Publications (India) Ltd., New Delhi

Suggested Month	Name of the Chapter
April-May	Macbeth
	Act III
	Prism: A Collection of ISC Short Stories
	Atithi / Guest
	The Cookie Lady
	Rhapsody: A Collection of ISC Poems
	Telephone Conversation
	Tithonus
	REVISION
June-July	FIRST COMPARATIVE EXAMINATION
July – August	Macbeth
	Act IV
	Prism: A Collection of ISC Short Stories
	There Will Come Soft Rains
	Indigo
	Rhapsody: A Collection of ISC Poems
	Beethoven
	Small Towns and the River
September-October	REVISION
	SECOND COMPARATIVE EXAMINATION
October-	Macbeth

November	
	Act V
	Prism: A Collection of ISC Short Stories
	The Medicine Bag
	Rhapsody: A Collection of ISC Poems
	Death Be Not Proud
	REVISION
December	FIRST PRE BOARD EXAMINATION
January	SECOND PRE-BOARD EXAMINATION
February	THIRD PRE-BOARD EXAMINATION

There will be **two** papers in Literature in English:

**Paper I:** Theory (3 hours): 80 Marks

**Paper II:** Project Work: 20 Marks

**PAPER 1: THEORY – 80 Marks**

Candidates will be required to answer questions based on the prescribed textbooks, which include Drama, Prose (Short Stories) and Poetry.

#### LITERATURE PROJECT:

The candidates will be required to undertake one written assignment of 1000-1500 words, which is to be assessed internally by the subject teacher and externally by the visiting examiner appointed locally and approved by the Council.

**Note: Please refer to the council syllabus and scope of the syllabus 2025 for the project topics and details.**

## हिंदी

<b>Name of Textbook</b>	<b>: Author</b>	<b>Publication</b>
1. गद्य संकलन	: ISC Collection of Short Stories & Essays	ऐवरग्रीन पब्लिकेशन्स
2. काव्य मंजरी	: ISC Collection of Poems	ऐवरग्रीन पब्लिकेशन्स
3. सारा आकाश	: राजेन्द्र यादव	इंटर यूनिवर्सिटी प्रेस
4. व्याकरण मंजूषा	: विनोदिनी शर्मा	इंटर यूनिवर्सिटी प्रेस

Suggested Month	Name of the Book	Name of the Chapter
April-May	गद्य संकलन	क्या निराश हुआ जाए ?
	काव्य मंजरी	जाग तुझको दूर जाना है
		पुनरावृत्ति – साखी, बाल-लीला, एक फूल की चाह, पुत्र-प्रेम, गौरी, शरणागत
	सारा आकाश	उत्तरार्द्ध: सुबह – अंश 1, 2, 3, 4
		पुनरावृत्ति – पूर्वार्द्ध अंश 1 – 10
	व्याकरण	मुहावरे, वाक्य संशोधन, अपठित गद्यांश
<b>June-July</b>	<b>FIRST COMPARATIVE EXAMINATION</b>	
July	गद्य संकलन	भक्तिन
	काव्य मंजरी	उद्यमी नर
		पुनरावृत्ति – सती, आउटसाइडर, आ: धरती कितना देती है
	सारा आकाश	अंश 5, 6
	व्याकरण	निबन्ध – विचारात्मक मुहावरे, वाक्य संशोधन – (मौखिक)
August	गद्य संकलन	संस्कृति क्या है ?
	काव्य मंजरी	बादल को धिरते देखा है
		पुनरावृत्ति – नदी के द्वीप, दासी, तुलसी के पद
	सारा आकाश	अंश 7, 8
	व्याकरण	मौलिक कहानी
September	गद्य संकलन	मजबूरी
	<b>SECOND COMPARATIVE EXAMINATION</b>	

October	सारा आकाश	अंश 9, 10
	काव्य मंजरी	अंधेरे का दीपक
	सारा आकाश	पुनरावृत्ति
	व्याकरण	निबन्ध – वर्णनात्मक, समस्यामूलक मुहावरे, वाक्य संशोधन
November		पढ़ाए गए पाठों की पुनरावृत्ति, मॉडल प्रश्न-पत्रों का अभ्यास
<b>December</b>	<b>FIRST PRE BOARD EXAMINATION</b>	
	पुनरावृत्ति	
<b>January</b>	<b>SECOND PRE BOARD EXAMINATION</b>	
<b>February</b>	<b>THIRD PRE BOARD EXAMINATION</b>	

1. There will be **one** paper of **3** hours duration, which will consist of two sections:
- |   |                             |
|---|-----------------------------|
| <b>Section A:</b> Language (40 marks)             | } <b>40 + 40 + 20 = 100</b> |
| <b>Section B:</b> Prescribed Textbooks (40 marks) |                             |
| <b>Internal Assessment</b> (20 marks)             |                             |
2. Candidates will be required to answer **four** questions on **at least three** of the prescribed textbooks.
3. Refer to the Council Syllabus 2025 for further details.

## HISTORY

**Name of the Textbook:** 1. Mastering Modern World History by Norman Lowe  
2. ISC History Class XII by S. N. Banerjee

**Publisher:** 1. Macmillan  
2. Kalyani

Suggested Month	Topic	Name of the Chapter
April – May	1	Towards Independence and Partition: The Last Phase (1939-1947)
	2	Establishment of Indian Democracy (1947-1966)
	7	World War II
	9	Cold War (1945-1991) – Origin, end and impact
<b>June</b>		<b>FIRST COMPARATIVE EXAMINATION</b>
July	3	Development of Indian Democracy (1964-1977)
	6	Movement for Women's Rights
August	4	Changing Face of Indian Democracy (1977-1986)
	5	India's Foreign Policy
September	8	Decolonisation – in Asia (China) and Africa (Ghana and Kenya)
September-October		<b>SECOND COMPARATIVE EXAMINATION</b>
October-November	10	Protest Movements
	11	Middle East: Israel – Palestine Conflict (1916-1993)
		<b>REVISION</b>
<b>December</b>		<b>FIRST PRE BOARD EXAMINATION</b>
<b>January</b>		<b>SECOND PRE BOARD EXAMINATION</b>
<b>February</b>		<b>THIRD PRE BOARD EXAMINATION</b>

There will be two papers in the subject:

**Paper I:** Theory 3 hours – 80 Marks

**Paper II:** Project Work – 20 Marks

**Please refer to the Council Syllabus 2025 for details.**

## PSYCHOLOGY

**Name of the Textbook:** 1. Psychology  
2. Introduction to Psychology

**Author:** 1. Robert Baron  
2. Morgan & King

**Publisher:** 1. Pearson  
2. Tata McGraw Hill

Suggested Month	Name of the Chapter
April–May	Intelligence and Ability
	Personality
	<b>REVISION</b>
<b>June-July</b>	<b>FIRST COMPARATIVE EXAMINATION</b>
July-August	Lifespan Development
	Stress and Stress Management
August-September	Psychological Disorders and Psychotherapy
	<b>REVISION</b>
September-October	<b>SECOND COMPARATIVE EXAMINATION</b>
October	Social Thought and Behaviour
November	Attitudes
	Applications of Psychology
<b>December</b>	<b>FIRST PRE-BOARD EXAMINATION</b>
<b>January</b>	<b>SECOND PRE-BOARD EXAMINATION</b>
<b>February</b>	<b>THIRD PRE-BOARD EXAMINATION</b>
<b>Internal Assessment</b> – Two studies to be conducted on topics given in the Council syllabus and as guided by the subject teacher.	

\* There will be **two** papers in the subject.

**Paper I – Theory:** 3 hours ... 70 marks

**Paper II – Practical work** ... 30 marks

**Please refer to the Council Syllabus 2025 for details.**

## ECONOMICS

Name of the Textbook: Frank ISC Economics Class XII  
Author: D.K. Sethi & U. Andrews  
Publisher: Frank Bros. & Co.

Suggested Month	Chapter Number	Name of the Chapter
April	2	Demand and Law of Demand
	4	Elasticity of Demand
May	5	Supply – Law of Supply and Price Elasticity of Supply
	6	Market Mechanism: Equilibrium Price and Quantity in a Competitive Market
	3	Theory of Consumer Behaviour
	15	Balance of Payments and Exchange Rate
	<b>FIRST COMPARATIVE EXAMINATION</b>	
June	7	Laws of Returns – Returns to a Factor and Returns to Scale
	8	Cost and Revenue Analysis
	9	Forms of Market
August	10	Producer's Equilibrium
	11	Determination of Equilibrium Price and Output under Perfect Competition
	18	National Income and Circular Flow of Income
	19	National Income Aggregates
	20	Methods of Measuring National Income
<b>Submission of Project I</b>		
<b>SECOND COMPARATIVE EXAMINATION</b>		
October	12	Theory of Income & Employment
	13	Money
	14	Banking
November	16	Fiscal Policy
	17	Government Budget

	Submission of Project II
December	FIRST PRE-BOARD EXAMINATION
January	SECOND PRE-BOARD EXAMINATION
February	THIRD PRE-BOARD EXAMINATION

There will be **two** papers in the subject.

**Paper I – THEORY: 3 hours - 80 marks**

**Paper II – PROJECT WORK - 20 marks**

**Refer to the Council Syllabus 2025 for details.**

## COMMERCE

Name of the Textbook: S. Chand's ISC Commerce Volume-II (for Class XII)  
Author: Dr C.B. Gupta  
Publisher: S. Chand School

Suggested Month	Chapter Number	Name of the Chapter
April – May	1	Business Environment
	2	Capital - Fixed and Working
	3	Sources of Finance for a Joint Stock Company
	4	Banking - Latest Trends
	5	Management - Meaning, Nature and Importance
	6	Principles of Management
	7	Coordination
June-July	<b>FIRST COMPARATIVE EXAMINATION</b>	
	8	Planning
	9	Organising
August	10	Staffing
	11	Directing
	12	Controlling
	13	Marketing-Concept and Functions
<b>Submission of 1st Project</b>		
<b>REVISION</b>		
September-October	<b>SECOND COMPARATIVE EXAMINATION</b>	

October- November	14	Marketing Mix
	15	Consumer Protection
		<b>Submission of 2nd Project</b>
		<b>REVISION</b>
<b>December</b>		<b>FIRST PRE-BOARD EXAMINATION</b>
<b>January</b>		<b>SECOND PRE-BOARD EXAMINATION</b>
<b>February</b>		<b>THIRD PRE-BOARD EXAMINATION</b>

There will be two papers in the subject.

**Paper I - Theory: 3 hours – 80 marks**

**Paper II – Project Work – 20 marks**

**Note: Refer to the council syllabus 2025 for details.**

## ACCOUNTS

**Name of the Textbook: New ISC Accountancy (Class XII)**

**Author: D.K. Goel and Rajesh Goel**

**Publisher: Avichal Publishing Company**

Suggested Month	Chapter Number	Name of the Chapter
April-May	1	Accounting for Partnership Firms–Fundamentals
	2	Goodwill: Concept and Valuation
	9	Financial Statements of Companies
	11	Tools for Financial Analysis-Comparative Statements
	12	Common Size Statements
June -July		<b>FIRST COMPARATIVE EXAMINATION</b>
July	3	Admission of a Partner
	4	Retirement or Death of a Partner
		<b>Project 1</b>
August	4	Retirement or Death of a Partner (Continued)
	5	Dissolution of Partnership Firm
	13	Cash Flow Statement
September	13	Cash Flow Statement (Continued)

		<b>REVISION</b>
September- October		<b>SECOND COMPARATIVE EXAMINATION</b>
October	6	Company Accounts - Issue of Shares
	7	Company Accounts - Issue of Debentures
	8	Company Accounts - Redemption of Debentures
	10	Financial Statements Analysis
	14	Ratio Analysis
November	14	Ratio Analysis (continued)
		<b>Project 2</b>
		<b>REVISION</b>
<b>December</b>		<b>FIRST PRE-BOARD EXAMINATION</b>
<b>January</b>		<b>SECOND PRE-BOARD EXAMINATION</b>
<b>February</b>		<b>THIRD PRE-BOARD EXAMINATION</b>

There will be two papers in the subject.

**Paper I (Theory): 3 hours - 80 marks**

**Paper II (Project Work): 20 marks**

### **Paper I (Theory) – 80 marks**

There will be one paper of three hours duration of 80 marks divided into three Sections A, B and C.

It will be **compulsory** for all candidates to attempt **Section A**.

**Section A (60 Marks)**

**Section B/C (20 marks):** Candidates will have a choice of attempting questions either from **Section B** or **Section C**.

**Please refer council syllabus 2025 for details.**

## MATHEMATICS

Name of the Textbook: **Understanding ISC Mathematics  
Volumes I and II for Class XII  
(Latest Edition: 2024)**

Author: **M. L. Aggarwal**  
Publisher: **Avichal Publishing Company**

Suggested Month	Chapter Number	Name of the Chapter	Page
April – May		<b>Section-A</b>	
	1	Relations and Functions	1
	2	Inverse Trigonometric Functions	79
	3	Matrices	139
	4	Determinants	202
	5	Continuity and Differentiability	301
		<b>Section-B</b>	
	1	Vectors	1057
		<b>Section-C</b>	
	2	Linear Regression	1337
<b>June-July</b>	<b>FIRST COMPARATIVE EXAMINATION</b>		
July-September		<b>Section-A</b>	
	6	Indeterminate Forms	452
	7	Applications of Derivatives	469
	8	Integrals	587
		<b>Section-B</b>	
	2	Three Dimensional Geometry	1155
	3	Applications of Integrals	1273
		<b>Section-C</b>	
	1	Application of Calculus in Commerce and Economics	1306
	3	Linear Programming	1359
<b>September-October</b>	<b>SECOND COMPARATIVE EXAMINATION</b>		
October-November		<b>Section-A</b>	
	9	Differential Equations	803
	10	Probability	903
		<b>REVISION</b>	
<b>December</b>	<b>FIRST PRE BOARD EXAMINATION</b>		
<b>January</b>	<b>SECOND PRE BOARD EXAMINATION</b>		
<b>February</b>	<b>THIRD PRE BOARD EXAMINATION</b>		

There will be **two** papers in the subject:

**Paper I:** Theory (3 hours) – 80 marks

**Paper II:** Project Work – 20 marks

**Note:** Please refer to the Council Syllabus 2025 for details.

## PHYSICS

Name of the Textbook: **Nootan ISC Physics for Class XII**  
Authors: **Raj Kumar and G.L. Mittal**  
Publisher: **Nageen Prakashan**

Suggested Month	Topic Number	Name of the Topic
April		<b>UNIT 1: ELECTROSTATICS</b>
	1	Electric Charges and Fields
	2	Gauss' Theorem
	3	Electric Potential and Potential Energy
	4	Capacitors and Dielectrics
May		<b>UNIT 2: CURRENT ELECTRICITY</b>
	5	Electric Resistance and Ohm's Law
	6	D.C. Circuits and Measurements
		<b>REVISION</b>
<b>June-July</b>	<b>FIRST COMPARATIVE EXAMINATION</b>	
July		<b>UNIT 3: MAGNETIC EFFECTS OF CURRENT AND MAGNETISM</b>
	7	Moving Charges and Magnetism
	8	Torque on a Current Loop: Moving Coil Galvanometer
	9	Magnetic Field
	10	Magnetic Classification of Substances
		<b>UNIT 4: ELECTROMAGNETIC INDUCTION AND ALTERNATING CURRENTS</b>
	11	Electromagnetic Induction
	12	Alternating Current

August		<b>UNIT 5: ELECTROMAGNETIC WAVES</b>
	13	Electromagnetic Waves
		<b>UNIT 6: OPTICS</b>
	14	Spherical Mirrors
	15	Refraction of Light at a Plane Interface: Total internal Reflection: Optical Fibre
	16	Refraction of Light at Spherical Surfaces: Lenses
September	17	Refraction and Dispersion of Light through a Prism
	18	Optical Instruments
		<b>REVISION</b>
<b>September-October</b>		<b>SECOND COMPARATIVE EXAMINATION</b>
October	19	Wave nature of Light: Huygens' Principle
	20	Interference of Light
	21	Diffraction of Light
	23	Photo electric Effect
	24	Matter Waves
November		<b>UNIT 8: ATOMS AND NUCLEI</b>
	26	Atom, Origin of Spectra: Bohr's Theory of Hydrogen Atom
	27	Nuclear Structure
	29	Mass-Energy Equivalence: Nuclear Binding Energy
	30	Nuclear Fission and Nuclear Fusion: Sources of Energy
		<b>UNIT 9: ELECTRONIC DEVICES</b>
	31	Semiconductor Electronics
	32	Junction Diodes
		<b>REVISION</b>
<b>December</b>		<b>FIRST PRE-BOARD EXAMINATION</b>
		<b>REVISION</b>
<b>January</b>		<b>SECOND PRE-BOARD EXAMINATION</b>
<b>February</b>		<b>THIRD PRE-BOARD EXAMINATION</b>

**LIST OF PRACTICALS**  
(According to ISC 2025 Syllabus)

Month	Expt. No.	Experiment
<b>April</b>	1	Using a metre bridge, determine the resistance of about 100 cm of (constantan) wire. Measure its length and radius and hence, calculate the specific resistance of the material.
	2	Verify Ohm's law for the given unknown resistance (a 60 cm constantan wire), plotting a graph of potential difference versus current. Also calculate the resistance per cm of the wire from the slope of the graph and the length of the wire.
<b>May</b>	3	To compare emfs of two cells using a potentiometer.
	4	To determine the internal resistance of a cell by a potentiometer.
<b>July</b>	5	From a potentiometer set up, measure the fall in potential (i.e. pd) for increasing lengths of a constantan wire, through which a steady current is flowing; plot a graph of pd (V) versus length (l). Calculate the potential gradient of the wire and specific resistance of its material. Q (i) Why is the current kept constant in this experiment? Q (ii) How can you increase the sensitivity of the potentiometer? Q (iii) How can you use the above results and measure the emf of a cell?
	6	To verify the laws of combination of resistances (series and parallel) using metre bridge.
<b>August</b>	7	To find focal length of a convex lens by using u-v method (no parallax method) Using a convex lens, optical bench/metre scales and two pins, obtain the positions of the images for various positions of the object; $f < u < 2f$ , $u \sim 2f$ and $u > 2f$ . Draw the following set of graphs using data from this experiments - (i) v against u. It will be a curve. (ii) Magnification $m = \left(\frac{v}{u}\right)$ against v which is a straight line and to find focal length by intercept (iii) $y = (100/v)$ against $x = (100/u)$ which is a straight line and find f by intercepts.
<b>September</b>	8	To find f of a convex lens by displacement method.
<b>October</b>	9	To determine the focal length of a given convex lens with the help of an auxiliary convex lens.

	10	To determine the focal length of a concave lens, using an auxiliary convex lens, not in contact and plotting appropriate graph.
		<b>Practical examination (on ISC Board pattern)</b>
<b>November</b>	11	To determine focal length of concave mirror by using two pins (by u-v method).
	12	To determine the refractive index of a liquid by using a convex lens and a plane mirror.
<b>December</b>	13	To determine the focal length of a convex mirror using convex lens.
<b>January</b>		<b>Practical Examination (on ISC Board pattern)</b>

**Demonstration Experiments (The following experiments are to be demonstrated by the teacher):**

1. To convert a given galvanometer into (a) an ammeter of range, say 2A and (b) a voltmeter of range 4V.
2. To study I-V characteristics of a semi-conductor diode in forward and reverse bias.
3. To study characteristics of a Zener diode and to determine its reverse breakdown voltage.
4. To study the characteristics of pnp/npn transistor in common emitter configuration.
5. To determine refractive index of a glass slab using a travelling microscope.
6. To observe polarisation of light using two polaroids.
7. Identification of diode, LED, transistor, IC, resistor, capacitor from mixed collection of such items.
8. Use of multimeter to (i) identify base of transistor, (ii) distinguish between n-p-n and p-n-p type transistors, (iii) see the unidirectional flow of current in case of diode and an LED, (iv) check whether a given electronic component (e.g. diode, transistors, IC) is in working order.
9. Charging and discharging of a capacitor.

**The following guidelines are applicable for the Council's examination 2025.**

There will be two papers in the subject.

**Paper I:** Theory – three hours ... 70 marks

**Paper II:** Practical – three hours ... 15 marks

Project work: 10 marks

Practical File: 5 marks

**Project work – 10 marks**

The project work is to be assessed by a Visiting Examiner appointed locally and approved by the Council.

All candidates will do project work involving some physics related topics, under the guidance and regular supervision of the Physics teacher.

Candidates are to prepare a technical report formally written, including an abstract, some theoretical discussion, experimental setup, observations with tables of data collected, analysis and discussion of results, deductions, conclusion, etc. (after the draft has been approved by the teacher). The report should be kept simple, but neat and elegant. No extra credit shall be given for type-written material/decorative cover, etc. Teachers may assign or students may choose any one project of their choice.

**Practical File – 5 marks**

The visiting examiner is required to assess students on the basis of the Physics practical file maintained by them during the academic year

**Note: For further details please refer to the Council's syllabus for ISC examination 2025.**

**CHEMISTRY**

**Name of the textbook:** श्री Balaji ISC Chemistry  
**A Textbook of Class XII Part I, II**

**Author:** M P Sawhney

**Publisher:** Shri Balaji Publications

Suggested Month	Topic Number	Name of the Chapter
April-May	1	Solutions
	5	Coordination Compounds
	6	Haloalkanes and Haloarenes
	7	Alcohols, Phenols and Ethers
<b>June-July</b>	<b>FIRST COMPARATIVE EXAMINATION</b>	
July – August	2	Electrochemistry
	3	Chemical Kinetics
	4	d and f Block Elements
	8	Aldehydes, Ketones and Carboxylic Acids
		<b>REVISION</b>

September - October	SECOND COMPARATIVE EXAMINATION	
October-November	9	Organic Compounds containing Nitrogen
	10	Biomolecules
		<b>REVISION</b>
December	FIRST PRE-BOARD EXAMINATION	
January	SECOND PRE-BOARD EXAMINATION	
February	THIRD PRE-BOARD EXAMINATION	

#### PRACTICALS

S. No.	LIST OF PRACTICALS
	<b>July to September</b>
1	Qualitative Analysis
2	Study of the rate of reaction
3	Electrochemistry
4	Project work
5	Titrations
	<b>October to December</b>
6	Identification of Organic compounds and functional groups
7	Characteristic tests of carbohydrates and proteins
8	Experiments related to pH change using pH paper or universal indicator

#### Note:

There will be **two** papers in the subject.

**Paper I (Theory):** Three hours (70 marks)

**Paper II (Practical):** Three hours (15 marks), project work (10 marks) and practical file (5 marks)

#### Paper II (Practical):

- **Practical (15 marks)**
- **Project Work (10 marks):** The candidate is to creatively execute one project / assignment on a selected topic of Chemistry. Teachers may assign or students may choose any one project of their choice.

**Practical File (5 marks):** Teachers are required to assess students on the basis of the Chemistry Practical file maintained by them during the academic year.

**Refer to the Council Syllabus 2025 for details.**

## BIOLOGY

**Name of the Textbook:** Nootan ISC Biology for Class XII

**Author:** Prof V Singh and Dr D K Jain

**Publisher:** Nageen Prakashan (Pvt) Ltd

Suggested Month	Chapter Number	Name of the Chapter
April-May	2	Sexual Reproduction in Flowering Plants
	3	Human Reproduction
	4	Reproductive Health
	6	Molecular Basis of Inheritance
June-July	FIRST COMPARATIVE EXAMINATION	
July	5	Principles of Inheritance and Variation
	7	Origin of Life
	8	Evidences and Theories of Biological Evolution
August	9	Human Evolution
	10	Human Health and Diseases
	12	Microbes in Human Welfare
September	13	Principles and Processes of Biotechnology
	14	Biotechnology and its Applications
September-October	SECOND COMPARATIVE EXAMINATION	
October - November	15	Organisms and Populations
	16	Ecosystem
	17	Biodiversity and its Conservation
		<b>REVISION</b>
December	FIRST PRE BOARD EXAMINATION	
January	SECOND PRE BOARD EXAMINATION	
February	THIRD PRE BOARD EXAMINATION	

**LIST OF PRACTICALS**

1.	<b>Taxonomy</b> (i) Family Malvaceae – type – China rose / Hollyhock. (ii) Family Leguminosae – subfamily – Papilionaceae – type – Sweet pea / Pea / Bean / <i>Sesbania</i> / <i>Clitoria</i> (single flower). (iii) Family Solanaceae – type – <i>Petunia</i> / <i>Datura</i> / Brinjal flower / <i>Solanum nigrum</i> . (iv) Family Liliaceae – type – Onion OR Amaryllidaceae – type – Lily/ Spider lily / Tiger lily / Tube rose / <i>Gladiolus</i> .
2.	<b>Experiments</b> (i) Study of arrangement/distribution of stomata in dicot and monocot leaves. (ii) Study of soils from two different sites (iii) Study the effect of enzyme (amylase) action at three different temperatures and pH on starch solution. (iv) Isolation of DNA from available plant material.
3.	<b>Slide preparation</b> (i) Germination of pollen grain in a nutrient medium. (ii) T.S. of ovary of a flower (marginal/axile placentation) (iii) T.S. of a hydrophyte stem (iv) T.S. of a xerophytic leaf ( <i>Nerium</i> ) (v) L.S. of monocot and dicot seed
4.	<b>Spotting</b> (i) Identify and comment on the following: (a) T.S. of ovary of mammal (b) T.S. of testis of mammal (c) Germinating pollen grain (d) T.S. of ovary to show the types of placentation. (marginal, axile, basal (LS), parietal) (e) T.S. of blastula / blastocyst of a mammal (f) <i>Plasmodium</i> sporozoite (whole mount) (g) <i>Entamoeba histolytica</i> trophozoite (whole mount). (h) Specimen of <i>Ascaris</i> . (ii) Comment upon ecological adaptations of plants and animals. (iii) Flowers adapted to pollination by different agencies – insect and wind.

**Note:**

There will be **two** papers in the subject.

**Paper I Theory:** (Three hours) ... 70 marks

**Paper II Practical:** (Three hours) ... 15 marks, Project work: (10 marks), Practical File: (5 marks)

S.No.	UNIT	TOTAL WEIGTAGE
1.	Reproduction	16 Marks
2.	Genetics and Evolution	15 Marks
3.	Biology and Human Welfare	14 Marks
4.	Biotechnology and its Application	10 Marks
5.	Ecology and Environment	15 Marks
	<b>Total</b>	<b>70 Marks</b>

Please refer to the Revised Council Syllabus 2025 for details.

**COMPUTER SCIENCE**

**Name of the Textbook:** Computer Science with Java A Textbook for Class XII

**Author:** Sumita Arora

**Publisher:** Dhanpat Rai & Co.

Suggested Month	Chapter No	Name of the Chapter
April-May	1	Boolean Algebra
	2	Computer Hardware
	3	Objects and Classes (Revision)
	5	Primitive Values, Types Casting and Expressions (Revision)
	6	Statements, Control Structures and Scope (Revision)
	7	Functions / Methods (Revision)
	8	Arrays and Strings (Revision)
	9	Compiling and Running Java Programs (Revision)
	10	Java Classes: An OOP Perspective (Revision)

June-July	FIRST COMPARATIVE EXAMINATION	
July	7	Functions / Methods - Passing of objects (program)
	4	Java Revision Tour - (Exception Handling and File Handling)
	8	Memory Address Calculation
August	12	Concept of Inheritance (including Interface/polymorphism)
	11	Recursion
September	11	Recursion (continued)
	13	Simple Data Structures Infix, Postfix, Prefix notations
		<b>REVISION</b>
September-October	SECOND COMPARATIVE EXAMINATION	
October	14	Recursive Data Structures (Linked Lists and Trees)
November	15	Computational Complexity
		<b>REVISION</b>
December	FIRST PRE-BOARD EXAMINATION	
January	SECOND PRE-BOARD EXAMINATION	
February	THIRD PRE-BOARD EXAMINATION	

Please refer to the Council syllabus 2025.

There will be two papers in the subject:

**Paper 1:** Theory (three hours) ... 70 marks

**Paper 2:** Practical (three hours) ... 30 marks

**Paper 1:** (Theory) Paper 1 will be of three hours duration and be divided into two parts.

**Part I:** (20 marks) this part will consist of compulsory short answer questions, testing knowledge, application and skills relating to the entire syllabus.

**Part II:** (50 marks) this part will be divided into **three** sections A, B and C. Candidates are required to answer **two** questions out of **three** from Section A (each carrying 10 marks) and **two** questions out of **three** from Section B (each carrying 10 marks) and **two** questions out of **three** from Section C (each carrying 5 marks). Therefore, a total of **six** questions are to be answered in Part II.

**Note:** Algorithms may be done along with the programs.

## GEOGRAPHY

Name of the Textbook: ISC Geography Part II (Class XII)

Author: D R Khullar

Publisher: Kalyani

Suggested Month	Unit	Name of the Chapter / Topic
April-May	<b>1</b>	<b>Physical Environment</b>
		(i) Locational Setting of India
		(ii) Structure of India
		(iii) Climate: India
		(iv) Natural Vegetation
	<b>2</b>	<b>Population &amp; Human Settlements</b>
		(i) Population of India
		(ii) National and state level patterns
		(iii) Pattern of population growth
		(iv) Migration trends
		(v) Demographic attributes
		<b>MAP WORK related to the Chapters</b> One practical to be done
		<b>REVISION</b>
June	FIRST COMPARATIVE EXAMINATION	
July-September		(vi) Rural settlements
		(vii) Urban settlements
	<b>3</b>	<b>Resources of India and their Utilization</b>
		(i) Need for environmental management
		(ii) Land resources
		(iii) Water Resources and types of irrigation
		(iv) Agriculture
		(vi) Sources of energy*
	<b>4</b>	<b>Infrastructural Resources (Transport and Communication)</b>

	<b>5</b>	<b>Industries</b>
		(i) <i>Agro based industries</i>
		(ii) <i>Mineral based industries</i> •
		<b>MAP WORK related to the Chapters</b> One practical and Project to be done
		<b>REVISION</b>
		<b>SECOND COMPARATIVE EXAMINATION</b>
October		* (v) <i>Fishing in India</i>
November		• (d) <i>Tourism industry</i>
	<b>6</b>	<b>Regional Economic Development (Case Studies)</b>
		<b>MAP WORK related to the Chapters</b>

<b>December</b>	<b>FIRST PRE BOARD EXAMINATION</b>
	<b>REVISION</b>
<b>January</b>	<b>SECOND PRE-BOARD EXAMINATION</b>
<b>February</b>	<b>THIRD PRE-BOARD EXAMINATION</b>

**Note:** Map Work will be done simultaneously along with the Chapters as per the Council Syllabus.

Please refer to the council syllabus 2025 for details.

**Practical work: 10 marks**

**Project work: 10 marks**

**Viva voce 10 marks**

**Theory: 70 marks**

**Note for the First Comparative Examination:**

All seven questions in Part II will consist of mixed questions.

## BIOTECHNOLOGY

**Name of the Textbook: A Textbook of Biotechnology (Revised)  
Class XII**

**Author: Dr R C Dubey**

**Publisher: S Chand & Company Pvt Ltd**

Suggested Month	Topic Number	Name of the Topic
April-May	1	<b>Molecular Biology</b>
	(i)	Nucleic Acids
	(ii)	Protein Synthesis
	(iii)	Gene Regulation in Prokaryotes
	2	<b>Genetic Engineering</b>
	(i)	Introduction to Gene Cloning and Genetic Engineering
<b>June- July</b>	<b>FIRST COMPARATIVE EXAMINATION</b>	
July	2 (ii)	Innovations in Biotechnology
	2 (iii)	Gene Analysis Techniques
August	3	<b>Cell Culture Technology</b>
	(i)	General Tools and Techniques used in Cell Culture Technology
September	3 (iii)	Plant Tissue Culture and its Application
<b>September-October</b>	<b>SECOND COMPARATIVE EXAMINATION</b>	
October	(ii)	Microbial Culture and its Application
	3 (iv)	Animal Cell Culture and its Application
November	4	<b>Bioinformatics</b>
	(i)	Introduction to Bioinformatics
	(ii)	Genomics
	(iii)	Proteomics
		<b>REVISION</b>
<b>December</b>	<b>FIRST PRE BOARD EXAMINATION</b>	
<b>January</b>	<b>SECOND PRE BOARD EXAMINATION</b>	
<b>February</b>	<b>THIRD PRE BOARD EXAMINATION</b>	

### LIST OF PRACTICALS

1	Paper Chromatography
2	Preparation of buffers
3	Preparation of culture media
4	Sterilization of Culture medium and other materials
5	Preparation of various forms of culture media – Petri plate, Slant and Suspension
6	Inoculation and Incubation of <i>Lactobacillus</i> on the culture medium in the Petri plate
7	Identification of bacteria by Gram +ve and Gram –ve (from curd / saliva / soil solution)
8	Action on Enzyme on starch under (i) variable temperature (ii) variable substrate concentration – plotting of Km value by graph
9	Isolation of DNA from plants
10	DNA estimation by colorimeter by DPA method
11	Protein estimation by colour reaction – Bradford test
12	Cell viability test by Evan's blue dye
13	Isolation of Milk protein – wet weight and dry weight
14	Chromatography to find adulteration in spices by using mixture of Turmeric and metanil yellow.
15	Demonstration of cell counting by Haemocytometer by using diluted blood.
16	Experiment to show the process of saponification.

**Note:**

There will be two papers in the subject.

**Paper I Theory:** (Three hours) ... 70 marks

**Paper II Practical:** (Three hours) ... 15 marks, Project Work: 10 marks, Practical File: 5 marks

**Paper I:** Theory (70 marks) there will be **one** paper of **three** hours duration divided into **three** parts.

**Please refer to the Council Syllabus 2025 for details.**

### PHYSICAL EDUCATION

**Name of the Textbook:** Saraswati Physical Education for Class XII (ISC) [Revised Edition 2024]

**Author:** Dr V K Sharma

**Publisher:** New Saraswati House (India) Private Limited

Suggested Month	Chapter Number	Name of the Chapter	Page
April-May	1	Sociological Aspects of Physical Education	17
	2	Training Methods	26
April –May		<b>Any two games of your choice:</b> Cricket, Football, Basketball, Volleyball and Badminton	
		<b>Practical Assessment</b>	
		<b>Physical Efficiency Tests</b>	
		<b>REVISION</b>	
June-July	<b>FIRST COMPARATIVE EXAMINATION</b>		
July-September	3	Career Aspects in Physical Education	46
	4	Competitions and Tournaments	63
	5	Health Education and Health Problems	93
		<b>Any two games of your choice:</b> Cricket, Football, Basketball, Volleyball and Badminton	
		<b>Practical Assessment</b>	
		<b>Physical Efficiency Tests</b>	
		<b>REVISION</b>	
September-October	<b>SECOND COMPARATIVE EXAMINATION</b>		
October-November	6	Sports Injuries and First Aid	135
		<b>Any two games of your choice:</b> Cricket, Football, Basketball,	

	Volleyball and Badminton	
	<b>Practical Assessment</b>	
	<b>Physical Efficiency Tests</b>	
	<b>REVISION</b>	
December	<b>FIRST PRE-BOARD EXAMINATION</b>	
January	<b>SECOND PRE-BOARD EXAMINATION</b>	
February	<b>THIRD PRE-BOARD EXAMINATION</b>	

There will be **two** papers in the subject.

**Paper I:** Theory: 3 hours ... 70 marks;

**Paper II:** Practical Work ... 30 marks

\* Please refer to the Council Syllabus 2025 for the Syllabus details.

## ART (871)

- Name of the Drawing Book:** 1. Still Life by Sanjay Shelar  
2. Alankar Part 5 by Chaman Kiran
- Publisher:** 1. Jyotsana  
2. Nageen Prakashan

Months	Topics	No. of sessions
April	<b>Still Life</b>	
	Pickling session mangoes, spices, etc.	6
	<b>Still Life</b>	
	A group of kitchen utensils	6
	<b>Craft</b>	
	Pattern design	6
May	<b>Original Imagination</b>	
	Scene of your school library	6
		(24)
	<b>Original Imagination</b>	
	Family picnic scene	6
		(6)
<b>June-July</b>	<b>FIRST COMPARATIVE EXAMINATION</b>	
July	<b>Still Life</b>	
	Group of snacks, chips, burger, juices	6
	<b>Still Life</b>	

	Group of breakfast items: sandwich, milk, etc.	6
	<b>Original Imagination</b>	
	Bus stop scene	6
	<b>Craft</b>	
	Independence Day poster	6
		(24)
August	<b>Still Life</b>	
	Group of objects from temple, pooja items	6
	<b>Original Imagination</b>	
	Railway station scene	6
	<b>Craft</b>	
	Poster for Save Water	6
	<b>Craft</b>	
	Poster for Annual Sports Day	6
		(24)
September	<b>Original Imagination</b>	
	Living Room scene	6
	<b>Craft</b>	
	Logo for bakery shop	6
		(12)
<b>September-October</b>	<b>SECOND COMPARATIVE EXAMINATION</b>	
October-November	<b>Still Life</b>	
	Basket full of fruits and vegetables	6
	<b>Craft</b>	
	Front cover of your daily journal	6
	<b>Craft</b>	
	Design a festival card	6
		(18)
<b>December</b>	<b>FIRST PRE BOARD EXAMINATION</b>	
<b>January</b>	<b>SECOND PRE BOARD EXAMINATION</b>	
<b>February</b>	<b>THIRD PRE BOARD EXAMINATION</b>	

Note: Please refer to the Council Syllabus 2025 for further details.

## SOCIOLOGY

Name of the Textbook: **ISC Sociology for Class XII**  
Publisher: **Kalyani Publisher**

Suggested Month	Chapter Number	Name of the Chapter
April - May	1	Social Institution
	2	Religion and Society
	3	Political Organisation
June-July	<b>FIRST COMPARATIVE EXAMINATION</b>	
July	4	Economic Organisation
August	5	Tribal India
		Submission of 1 <sup>st</sup> Project
September	5	Tribal India (contd.)
		<b>REVISION</b>
September-October	<b>SECOND COMPARATIVE EXAMINATION</b>	
October	6	Social Stratification
November	7	Social Change & Development
		Submission of 2 <sup>nd</sup> Project
		<b>REVISION</b>
<b>December</b>	<b>FIRST PRE BOARD EXAMINATION</b>	
	<b>REVISION</b>	
<b>January</b>	<b>SECOND PRE BOARD EXAMINATION</b>	
	<b>REVISION</b>	
<b>February</b>	<b>THIRD PRE BOARD EXAMINATION</b>	

There will be **two** papers in the subject:

**Paper I** – Theory: 3 hours ... 70 marks

**Part II** – Practical Work ... 30 marks

**Note:** Please refer to the Council Syllabus 2025 for further details.

## FASHION DESIGNING CLASS XII

Name of the textbook: **Course of Fashion Design – Study Content  
Class XII**

Author: **Mrs Shipra Anand**  
Publisher: **Self Published by the Author**

Suggested Month	Chapter Number	Name of the Chapter
April - May	1	Introduction to Textiles
	2	Textile Fibres
	6	History of Fashion in Europe 1901-1950
	5(A)	Significance of Colours
	5(B)	Textiles of India
<b>June-July</b>	<b>FIRST COMPARATIVE EXAMINATION</b>	
July-August	3	Yarns
	4	Fabric Construction Techniques
	5	Textiles in India (C, D)
	8	Traditional Costumes of Women in India
<b>September-October</b>	<b>SECOND COMPARATIVE EXAMINATION</b>	
October	7(A)	History of Fashion in Europe 1960s
	7(B)	History of Fashion in Europe 1971-80s
November	7(C)	New Developments in use of Materials & Influences of Art & Celebrities
	9	Traditional Costumes of Men in India
<b>December</b>	<b>FIRST PRE BOARD EXAMINATION</b>	
<b>January</b>	<b>SECOND PRE BOARD EXAMINATION</b>	
<b>February</b>	<b>THIRD PRE BOARD EXAMINATION</b>	

### LIST OF PRACTICALS

Suggested month	Practical No.	Topics
April & May	1.	Fabric Swatches
	2.	Fibre Identification (12)
May & June	3.	Macrame Knots (10)
	4.	Leaf and Vegetable printing (3)
July	5.	Basic Weaves (9)
August	6.	Tie & Dye (16)
October	7.	Renovation and Repair, Darning & Patchwork
	8.	Laundering & Finishing of Textiles
	9.	Newspaper clippings of Textile invention & Developments during current academic year.

There will be **two** papers in the subject.

**Paper I – Theory: 3 hours – (70 Marks)**

**Paper II: Practical (30 marks)**

**Note: Please refer to the Council Syllabus 2025 for further details.**

### POLITICAL SCIENCE

**Name of the Textbook: ISC Political Science – XII**

**Author: K K Ghai**

**Publisher: Kalyani**

Suggested Month	Chapter Number	Name of the Chapter
April-May	1	Forms of Government: Totalitarian, Authoritarian and Liberal Democratic States
	2	Forms of Government: Unitary and Federal States

	3	Forms of Government: Parliamentary and Presidential Governments
	4	Constitution
	5	Franchise and Representation
	6	Organs of the Government: Legislature
<b>June-July</b>		<b>FIRST COMPARATIVE EXAMINATION</b>
July-September	7	Organs of the Government: Executive
	8	Organs of Government: Judiciary
	9	Constitution of India: The Preamble
		Indian Constitution: Salient Features of Indian Constitution
	10	Fundamental Rights
	11	Directive Principles of State Policy
	12	Local Self Government
September-October		<b>SECOND COMPARATIVE EXAMINATION</b>
October	13	Democracy in India
December		<b>FIRST PRE-BOARD EXAMINATION</b>
January		<b>SECOND PRE-BOARD EXAMINATION</b>
February		<b>THIRD PRE-BOARD EXAMINATION</b>

**Note:**

There will be two papers in the subject:

**Paper I:** Theory 3 hours – 80 Marks

**Paper II:** Project Work – 20 Marks

**Please refer to the Council Syllabus 2025 for details.**

## LEGAL STUDIES

Suggested Month	Chapter Number	Name of the Chapter
April-May	Unit 1	Law of Crimes
	Unit 2	Alternate Dispute Resolution (ADR)
<b>June-July</b>	<b>FIRST COMPARATIVE EXAMINATION</b>	
July-September	Unit 3	Legal Services Authorities Act
	Unit 4	Indian Contract Act
	Unit 5	Law of Torts
	Unit 6	Transfer of Property Act
	Unit 7	Fundamental Rights, Duties and Directive Principles of State Policy
	Unit 8	Important Laws
<b>September-October</b>	<b>SECOND COMPARATIVE EXAMINATION</b>	
October-November	Unit 9	Legal Maxims
<b>December</b>	<b>FIRST PRE BOARD EXAMINATION</b>	
<b>January</b>	<b>SECOND PRE BOARD EXAMINATION</b>	
<b>February</b>	<b>THIRD PRE BOARD EXAMINATION</b>	

There will be **two** papers in the subject:

**Paper I** – Theory: 3 hours – 70 marks

**Paper II** – Project Work – 30 marks

**Note: Please refer to the Council Syllabus 2025 for further details.**