

ST.JOSEPH'S COLLEGE
SESSION 2025-2026
SYLLABUS FOR CLASS 12

ENGLISH LANGUAGE- TOTAL ENGLISH BOOK 11

MID TERM 1

Proposal writing , Grammar

HALF YEARLY:

COMPOSITION- composition on one of a number of subjects (20 marks; 400-450 words)

The choice may normally include: Narrative, Descriptive, Reflective, Argumentative, Discursive topics and Short Story.

Question Two: (a)

Directed writing based on suggested points: (15 marks, 300 words)

The choice may normally include: Feature Article , Book Review, Speech Writing, Newspaper Report and Statement of Purpose.

Proposal writing based on a given situation (10 marks)

The proposal should include : (i) An Introduction, (ii) Objectives and (iii) List of Measures to be taken. A concluding statement is desirable.

Question Three:

Short answer questions to test grammar, structure and usage.(15 marks)

Question Four:

Comprehension (20 marks)

Note: The Syllabus is subjected to change. The subject given is for the theory paper which consists of 80 marks. The remaining 20 marks will be tested on Project: Listening, Speaking and Writing Skills.

PREBOARDS:

COMPOSITION- composition on one of a number of subjects (20 marks; 400-450 words)

The choice may normally include: Narrative, Descriptive, Reflective, Argumentative, Discursive topics and Short Story.

Question Two: (a)

Directed writing based on suggested points: (15 marks, 300 words)

The choice may normally include: Feature Article , Book Review, Speech Writing, Newspaper Report and Statement of Purpose.

Question Two: (b)

Proposal writing based on a given situation (10 marks)

The proposal should include : (i) An Introduction, (ii) Objectives and (iii) List of Measures to be taken. A concluding statement is desirable

Question Three:

Short answer questions to test grammar, structure and usage.(15 marks)

Question Four:

Comprehension (20 marks)

Note: The Syllabus is subjected to change. The syllabus of half-yearly is included in final term. The syllabus given is for the theory paper which consists of 80 marks. The remaining 20 marks will be tested on Project: Listening ,Speaking and Writing Skills.

ENGLISH LITERATURE

MID TERM 1

The Cookie Lady – Philip K. Dick
Telephone Conversation – Wole Soyinka

HALF YEARLY

DRAMA: Macbeth: William Shakespeare-Act III to Act V Sc ii

PRISM: A Collection of ISC Short Stories (Evergreen Publications (India) Ltd. New Delhi)

1. Atithi / Guest – Rabindranath Tagore
2. The Cookie Lady – Philip K. Dick
3. There Will Come Soft Rains – Ray Bradbury

III. RHAPSODY: A Collection of ISC Poems (Evergreen Publications (India) Ltd. New Delhi)

1. Telephone Conversation – Wole Soyinka
2. Tithonus – Alfred, Lord Tennyson
3. Beethoven – Shane Koyczan

PREBOARDS

DRAMA: Macbeth: William Shakespeare (Acts III, IV & V)

PRISM: A Collection of ISC Short Stories (Evergreen Publications (India) Ltd. New Delhi)

1. Atithi / Guest – Rabindranath Tagore
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4. Indigo – Satyajit Ray
5. The Medicine Bag – Virginia Driving Hawk Sneve

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5. Death be not Proud – John Donne

ISC 2026

DRAMA: Macbeth: William Shakespeare (Acts III, IV & V)

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NOTE: The ISC (Class XII) Examination paper will be set ONLY on the portion of the syllabus that is prescribed for Class XII.

MATHEMATICS

UNDERSTANDING ISC MATHEMATICS CLASS XII , VOL I AND VOL II BY M.L.AGARWAL

MID TERM 1

Inverse Trigonometric Functions(Sec-A)

Matrices(Sec-A)

Determinants(Sec-A)

Continuity(Sec-A)

HALF YEARLY

Section-A

Chp-1. Relations And Functions

Chp-2. Inverse Trigonometric Functions

Chp-3. Matrices

Chp-4. Determinants

Chp-5. Continuity , Differentiability and Differentiation

(Including Second order derivatives)

Chp-7. Application Of Derivatives

Tangent And Normal

Approximation

Rate Measure

Increasing And Decreasing Functions

Maxima And Minima

Chp-8. Integrals (Till Exercise Number-8.7)

Section-B

Chp-1 Vectors

Chp-3 Application Of Integrals

Section-C

Chp-1 Application Of Calculus In Commerce And Economics

Chp-3. Linear Programming

PREBOARDS

Section-A

Chp-8. Integrals

Chp-9. Differential Equations

Chp-10. Probability

Section-B

Chp-2. Three Dimensional Geometry

Section-C

Chp-2. Linear Regression

(Please Note All Topics Are Included From Mid Term 1 And Half Yearly In Preboards)

ACCOUNTS

DOUBLE ENTRY BOOK KEEPING –XII (ISC) BY T.S. GREWAL SULTAN CHAND

MID TERM 1

Section A

1. Partnership Fundamental – Profit & Loss Appropriation
2. Goodwill Accounts – Modes & Valuation

Section B

3. Ratio Analysis
4. Financial Statement Analysis – Comparative & Common-Size Statements
5. Cash Flow Statement

HALF YEARLY

Section A

1. Partnership Fundamental – Profit & Loss Appropriation
2. Goodwill Accounts – Modes & Valuation
3. Admission of a Partner
4. Retirement & Death of a Partner
5. Dissolution of Partnership
6. Company Accounts - Issue of Shares (including Balance Sheet extract)

Section B

1. Ratio Analysis
2. Cash Flow Statement
3. Financial Statement Analysis – Comparative & Common-Size Statements

PREBOARDS

1. Company Accounts – Issue of Debentures
2. Company Accounts – Redemption of Debentures
3. Company Final Accounts

Note:- Pre Board Assessment 2026 will include All Chapters as per the scope of syllabus of ISC 2026.

COMMERCE

ISC COMMERCE XII BY C.B. GUPTA SULTAN CHAND

MID TERM 1

1. Business Environment (Chap 1)
2. Sources of Finance of Joint Stock Company (Chap 2)
3. Capital – Fixed and Working (Chap 3)
4. Marketing – Meaning and Functions (Chap 13)
5. Marketing Mix (Chap 14)
6. Consumer Protection (Chap 15)

HALF YEARLY

1. Business Environment (Chap 1)
2. Sources of Finance of Joint Stock Company (Chap 2)
3. Capital – Fixed and Working (Chap 3)
4. Banking – Latest Trend (Chap 4)
5. Management – Meaning , Nature and Importance (Chap 5)
6. Principles of Management (Chap 6)
7. Functions of Management and Co-ordination (Chap 7)

8. Planning (Chap 8)
9. Staffing (Chap 10)
10. Marketing – Meaning and Functions (Chap 13)
11. Marketing Mix (Chap 14)
12. Consumer Protection (Chap 15)

PREBOARDS

1. Organising (Chap 9)
2. Directing (Chap 11)
3. Controlling (Chap 12)

Note:- Pre Board Assessment 2026 will include All Chapters as per the scope of syllabus of ISC 2026.

CHEMISTRY

ISC CHEMISTRY (CLASS XII) (DR. H. C. SRIVASTAVA) NAGEEN PRAK.
ISC PRACTICAL CHEMISTRY CLASS XII (V. C. GARG) PITAMBAR

MID TERM 1

1. SOLUTIONS (MT1)
2. COORDINATION CHEMISTRY (MT1)

HALF YEARLY

1. SOLUTIONS (MT1)
2. ELECTROCHEMISTRY
3. CHEMICAL KINETICS
4. COORDINATION CHEMISTRY (MT1)
5. HALO-ALKANES & HALO-ARENES
6. ALCOHOL, PHENOL, ETHER
7. ALDEHYDES, KETONES, CARBOXYLIC ACIDS
8. D AND F- BLOCK ELEMENTS*

PREBOARDS

1. ORGANIC COMPOUNDS CONTAINING NITROGEN
2. BIO-MOLECULES
3. SOLUTIONS
4. ELECTROCHEMISTRY
5. CHEMICAL KINETICS
6. COORDINATION CHEMISTRY
7. HALO-ALKANES & HALO-ARENES
8. ALCOHOL, PHENOL, ETHER
9. ALDEHYDES, KETONES, CARBOXYLIC ACIDS
10. D AND F- BLOCK ELEMENTS*

QUESTION PAPER FORMAT AS PER ISC 2026 SPECIMEN PAPER.
FULL SYLLABUS AS PER ISC 2026

PHYSICS

NOOTAN PHYSICS FOR ISC XII

MID TERM 1

1. Electrostatics
2. Current Electricity

HALF YEARLY

1. Electrostatics
2. Current Electricity
3. Magnetism
4. Magnetic effects of Electric Current
5. Electromagnetic induction
6. Alternating Current
7. Electromagnetic Waves
8. Dual Nature of Matter and Radiation
9. Semiconductor Electronics

PREBOARDS - Full Syllabus as per the Scope of ISC 2026S

1. Optics
2. Atoms and Nuclei

BIOLOGY

ISC BIOLOGY CLASS XII DR.S.C.TRIPATHI (Balaji Publication)

MID TERM 1

Unit 2

- i) Principles Of Inheritance And Variation
- ii) Molecular Basis Of Inheritance

Unit 3

- ii) Microbes in Human Welfare

HALF YEARLY

Unit 1

- i) Sexual Reproduction in Flowering Plants
- ii) Human Reproduction
- iii) Reproductive Health

Unit 2

- i) Principles Of Inheritance And Variation
- ii) Molecular Basis Of Inheritance
- iii) Evolution

Unit 3

- ii) Microbes in Human Welfare

Unit 5

- i) Organisms And Populations

PREBOARDS– (Full Syllabus as per the Scope of ISC 2026)

Unit 3

- i) Human Health And Diseases

Unit 4

- i) Biotechnology :Principles And Processes
- ii) Biotechnology And Applications

Unit 5

- ii) Ecosystem
- iii) Biodiversity And Its Conservation

QUESTION PAPER FORMAT AS PER ISC 2026 SPECIMEN PAPER

BUSINESS STUDIES

ISC - BUSINESS STUDIES CLASS XII -CB GUPTA-GOYAL BROTHERS

MID TERM 1

- Ch 1. Introduction to Human Resource Management
- Ch 2. Job Analysis and Manpower Planning
- Ch 3. Staff Recruitment
- Ch 4. Staff Selection
- Ch 5. Staff Training

HALF YEARLY

- Ch 1. Introduction to Human Resource Management
- Ch 2. Job Analysis and Manpower Planning
- Ch 3. Staff Recruitment
- Ch 4. Staff Selection
- Ch 5. Staff Training
- Ch 6. Staff Morale
- Ch 7. Staff Motivation
- Ch 8. Staff Remuneration
- Ch 9. Staff Leadership
- Ch 10. Staff Appraisal
- Ch 11. Staff Promotion and Transfer
- Ch 12. Staff Separation
- Ch 13. Emerging Trends in Human Resources
- Ch 14. Business Communication
- Ch 15. Business Correspondence
- Ch 16. Reports and Report Writing

PREBOARDS

Full Syllabus as per the Scope of ISC 2026

- Chapter 1 to 16 and
- Ch 17 Various Business Entities
- Ch 18. Sources of Business Finance
- Ch 19. Globalisation
- Ch 20. E- Business
- Ch 21. Outsourcing
- Ch 22. Business Regulators and Intermediaries

ECONOMICS

FRANK ISC ECONOMICS BY D.K. SETHI & U. ANDREWS

MID TERM I –

- 1 Chapter 2: Demand and Law of Demand
- 2 Chapter 4: Elasticity of Demand
- 3 Chapter 5: Supply – Law of Supply and elasticity of supply
- 4 Chapter 6: Market Mechanism – Equilibrium price and quantity in a competitive market

HALF YEARLY

- 1 Chapter 2: Demand and Law of Demand
- 2 Chapter 3: Theory of Consumer Behaviour – Marginal utility and Indifference curve analysis
- 3 Chapter 4: Elasticity of Demand
- 4 Chapter 5: Supply – Law of Supply and elasticity of supply
- 5 Chapter 6: Market Mechanism – Equilibrium price and quantity in a competitive market
- 6 Chapter 7: Laws of Returns – returns to a factor and returns to a scale
- 7 Chapter 8: Cost and Revenue analysis
- 8 Chapter 9: Forms of Market
- 9 Chapter 10: Producer's Equilibrium
- 10 Chapter 11: Determination of Equilibrium Price and Output under Perfect Competition
- 11 Chapter 13: Money: Meaning and Functions
- 12 Chapter 14: Banks: Commercial Banks and Central Bank
- 13 Chapter 15: Balance of Payments and Exchange Rates
- 14 Chapter 16: Fiscal Policy
- 15 Chapter 17: Government Budget

PREBOARDS - Full Syllabus as per the Scope of ISC 2026.

- 1 Chapter 12: Theory of Income and Employment
- 2 Chapter 18: National Income and Circular Flow of Income
- 3 Chapter 19: National Income Aggregates
- 4 Chapter 20: Methods of Measuring National Income

Note: Final term examinations will include all chapters from Half-Yearly Examination.

Syllabus framed as per the scope of ISC 2026 syllabus

HINDI

Vyakaran Manjusha
Gadya Sankalan
Kavya Manjari
Aashad Ka Ek Din

MID TERM 1

Literature

Ch:7 Kya Nirash hua Jai? Ch:6.Tulsidas ke Pad

Grammar

1. Correct sentence 2. Idioms

HALF YEARLY

Section A: Language).

Essay.(400 words).

Comprehension.

Grammar.

Vyakaran Manjusha.

1. Correct sentence 2. Idioms

Section: B (Literature).

Gadya Sankalan

Ch:7 Kya Nirash hua jai? Ch:8 Bhaktin Ch:9 Sanskriti kya hai?

Aashad ka Ek Din:Anka-3(Act-3)

(Questions will come from Act 1 to Act-3)"

Note:The Syllabus given is for the theory paper which consists of 80 marks. The remaining 20 marks will be tested on Project:Listening,Speaking and Writing Skills.

PREBOARDS

Full Syllabus as per the Scope of ISC 2026.

Section.:A(Language).

Essay.(400words).

Comprehension.

Grammar.

:Vyakaran Manjusha.

1.Correct sentence

2.Idioms

Section:B(Literature).

Gadya Sankalan: Ch.10:Majburi

(Questions will come from ch.1 to ch.10)

Kavya Manjari

Ch:9 Badal ko Ghirate dekha hai

Chapter10:Andhere Ka Deepak

(Questions will come from ch.1 to ch.10)

Aashad ka Ek Din:Fullbook

Note:The Syllabus given is for the theory paper which consists of 80 marks. The remaining 20 marks will be tested on Project:Listening,Speaking and Writing Skills.

(Full ISC Syllabus for the Preboard Examination.)

BENGALI

1. Probondho Sankolon

2. Kobita Sankolon

3. Koni

4. Grammar

MID TERM 1

- Probondho Sankolon- Adab
- Kobita Sankolon- Jodi Nirbason Dao
- Koni- Chapter 8
- Grammar – Vakya and Vaccho poriborton, Direct and Indirect speech, One Word.

HALF YEARLY

- Probondho Sankolon- Adab,Lachmaner Maa,Ektu Tulsi gacher kahini.
- Kobita Sankolon- Jodi Nirbason Dao, Rasta karor ekar noy, Swadhinota tumi.
- Koni – Chapter 8 to Chapter 11
- Grammar – Comprehension, Essay, Spelling, Sentence Correction,Vakya and Vaccho poriborton, Direct and Indirect speech, One Word, Sadhu cholit,Baghdhara, Dwonnyattok shobdo.

PRE BOARDS

- Probondho Sankolon-Na paharar Porikkha.
- Kobita Sankolon- Nun
- Koni- Chapter 12 to chapter 14
- Grammar – Comprehension, Essay, Spelling, Sentence Correction, Vakya and Vaccho poriborton, Direct and Indirect speech, One Word, Sadhu cholit, Baghdhara, Dwonnyattok shobdo.
- *Pre board examination ISC full syllabus. Class 11 and 12 full syllabus

COMPUTER SCIENCE

TEXT BOOK : COMPUTER SCIENCE WITH JAVA - CLASS XII - SUMITA ARORA - D. RAI PUBLICATION

MID TERM 1 EXAMINATION

- CH 1. PROPOSITIONAL LOGIC - including SOP & POS expressions
- CH 2. COMPUTER HARDWARE - UPTO XNOR, ADDERS
- CH 3. OBJECTS AND CLASSES
- CH 4. JAVA REVISION TOUR
- CH 5. PRIMITIVE VALUES, TYPE CASTING AND EXPRESSION
- CH 6. STATEMENTS, CONTROL STRUCT & SCOPE
- CH 7. FUNCTIONS/METHODS
- CH 8. ARRAYS AND STRINGS
- CH 10. JAVA CLASSES - OOP PERSPECTIVE
- CH 12. CONCEPT OF INHERITANCE
- CH 13. SIMPLE DATA STRUCTURE - STACK

NOTE: Topic 3 - ISC Syllabus - Implementation of Algorithm to solve problems – INCLUDED

HALF YEARLY EXAMINATION

- CH 1. PROPOSITIONAL LOGIC
- CH 2. COMPUTER HARDWARE - including ENCODER
- CH 3. OBJECTS AND CLASSES
- CH 4. JAVA REVISION TOUR
- CH 5. PRIMITIVE VALUES, TYPE CASTING AND EXPRESSION
- CH 6. STATEMENTS, CONTROL STRUCT & SCOPE
- CH 7. FUNCTIONS/METHODS
- CH 8. ARRAYS AND STRINGS
- CH 10. JAVA CLASSES - OOP PERSPECTIVE
- CH 11. RECURSION
- CH 12. CONCEPT OF INHERITANCE
- CH 13. SIMPLE DATA STRUCTURE - STACK & QUEUE
- CH 15. COMPUTATIONAL COMPLEXITY - conceptual

NOTE: Topic 3 - ISC Syllabus - Implementation of Algorithm to solve problems – INCLUDED

PRELIMINARY EXAMINATION

- CH 1. PROPOSITIONAL LOGIC
- CH 2. COMPUTER HARDWARE
- CH 3. OBJECTS AND CLASSES
- CH 4. JAVA REVISION TOUR
- CH 5. PRIMITIVE VALUES, TYPE CASTING AND EXPRESSION
- CH 6. STATEMENTS, CONTROL STRUCT & SCOPE
- CH 7. FUNCTIONS/METHODS
- CH 8. ARRAYS AND STRINGS
- CH 10. JAVA CLASSES - OOP PERSPECTIVE
- CH 11. RECURSION
- CH 12. CONCEPT OF INHERITANCE
- CH 13. SIMPLE DATA STRUCTURE
- CH 14. RECURSIVE DATA STRUCTURE
- CH 15. COMPUTATIONAL COMPLEXITY

NOTE: Topic 3 - ISC Syllabus - Implementation of Algorithm to solve problems – INCLUDED

PROJECT WORK: Minimum of 25 laboratory assignments during the entire academic year.
Project Work/ Year's Assessment A total of 25 programs with algorithm and data list are needed.