

**ST. JOSEPH'S COLLEGE**  
**SESSION 2024-2025**  
**SYLLABUS FOR CLASS 11**

**ENGLISH LANGUAGE- TOTAL ENGLISH BOOK 11**

**MID-TERM 1**

Composition  
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.

**MID-TERM II:**      Directed Writing

**FINAL TERM:**

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**

A Living God- Lafcadio Hearn  
Abhisara- The Tryst- Rabindranath Tagore

### **HALF YEARLY**

#### **Drama:**

Macbeth- Act 1 Sc1 to Act 1 Sc 6

#### **Prose:** Prism

A Living God- Lafcadio Hearn  
Advice to Youth-Mark Twain  
The Paper Menagerie - Ken Liu

#### **Poetry:** Rhapsody

Abhisara- The Tryst- Rabindranath Tagore  
Why I like the hospital- Tony Hoagland

### **MID TERM 2**

The Great Automatic Grammatizator- Roald Dahl  
Death of a Naturalist- Seamus Heaney

### **FINAL TERM**

#### **Drama**

Macbeth - Act 1 Sc 1 to Act 2 Sc 4

#### **Prose:**Prism

A Living God- Lafcadio Hearn  
Advice to Youth-Mark Twain  
The Paper Menagerie - Ken Liu  
The Great Automatic Grammatizator- Roald Dahl  
Thank You, Ma'am- Langston Hughes

#### **Poetry :** Rhapsody

Abhisara- The Tryst- Rabindranath Tagore  
Why I like the hospital- Tony Hoagland  
Sonnet 116-William Shakespeare  
Death of a Naturalist- Seamus Heaney  
Strange Meeting- Wilfred Owen

**Note: The Syllabus is subjected to change**

## **MATHEMATICS**

### **UNDERSTANDING ISC MATHEMATICS CLASS XI, VOL I AND VOL II BY M.L.AGARWAL**

#### **MID TERM 1**

5. Complex Numbers(Excluding Polar Representation Of Complex Number)
6. Quadratic Equations

#### **HALF YEARLY**

##### **SECTION-A**

1. Sets
2. Relations And Functions
3. Trigonometry
4. Principle Of Mathematical Induction
5. Complex Numbers
6. Quadratic Equations
7. Inequalities
8. Statistics

##### **SECTION-B**

1. Conic Sections

##### **SECTION-C**

1. Statistics
2. Index Numbers And Moving Averages.

#### **MID TERM 2**

3. Trigonometry (Section-A)
9. Permutations And Combinations(Section-A)
10. Sequences And Series(Section-A)

#### **FINAL TERM**

11. Binomial Theorem(Section-A)
12. Straight Lines(Section-A)
13. Circles(Section-A)
14. Limits And Derivatives(Section-A)
15. Probability(Section-A)

##### **SECTION-B**

1. Introduction To Three- Dimensional Geometry
2. Mathematical Reasoning

##### **SECTION-C**

1. Correlation Analysis

**PLEASE NOTE IN THE FINAL TERM ALL CHAPTERS FROM HALF YEARLY AND MID TERM 1& 2 ARE ALSO INCLUDED.**

## **ACCOUNTS**

### **DOUBLE ENTRY BOOK KEEPING –XI(ISC) SULTAN CHAND BY T.S. GREWAL**

#### **MID TERM 1**

1. Introduction to Accounting
2. Basic Terminology of Accounting
3. Journal and Ledger
4. Cash Book and Petty Cash Book

#### **HALF YEARLY**

4. Introduction to Accounting
5. Basic Terminology of Accounting
6. Journal and Ledger
7. Cash Book and Petty Cash Book
8. Sub division of Journal
9. Trial balance
10. Rectification of Error
11. Bills of Exchange
12. Capital and Revenue Income/Expenditure

#### **MID TERM 2**

1. Rectification of Error
2. Final Accounts
3. Capital and Revenue Income/Expenditure

#### **FINAL TERM**

1. Final Accounts
2. Accounting for Non- Profit Organisation
3. Depreciation
4. Capital and Revenue Income/Expenditure

**Note:- Final Term Assessment 2025 will include All Chapters as per the scope of syllabus of ISC 2026.**

# **ECONOMICS**

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

### **MID TERM I –**

Chapter 1 – Definition of Economics

Chapter 2 – Basic Concepts of Economics

Chapter 3 – Basic Problems of an Economy

### **HALF YEARLY –**

Chapter 1 – Definition of Economics

Chapter 2 – Basic Concepts of Economics

Chapter 3 – Basic Problems of an Economy

Chapter 4 – Types of Economies

Chapter 5 – Solutions to the Basic Problems under Different Economic Systems

Chapter 6 – Economic Growth and Development

Chapter 7 – Parameters of Development

Chapter 8 – Sustainable Development

Chapter 9 – Planning and Development

Chapter 10 – Indian Economy Post Liberalisation

Chapter 16 – Definition, Scope, Importance and Limitations of Statistics

Chapter 17 – Collection , Organisation and Presentation of Data

Chapter 18 – Measures of Central Tendency

Chapter 19 – Measures of Dispersion

### **MID TERM 2 –**

Chapter 10 – Indian Economy post Liberalisation

Chapter 11 – Structural Changes in the Indian Economy after Liberalisation

Chapter 18 – Measures of Central Tendency

### **FINAL TERM –**

Chapter 11 – Structural Changes in the Indian Economy after Liberalisation

Chapter 12 – The Problem of Poverty in India

Chapter 13 – Rural Development

Chapter 14 – Human Capital Formation in India

Chapter 15 – Unemployment in India

Chapter 20 – Correlation

Chapter 21 – Index Numbers

Chapter 22 – Some Mathematical tools used in Economics

**Note:- Term II Assessment 2024 will include All Chapters as per the scope of syllabus of ISC 2025.**

## **COMMERCE**

### **ISC COMMERCE XI BY C.B. GUPTA SULTAN CHAND**

#### **MID TERM 1**

- Chap - 1 Classification of Business Activities
- Chap -2 Nature and Objective
- Chap -3 Classification of Business Activities
- Chap -4 Sole Trader
- Chap -5 Introduction to business organisation
- Chap -6 Partnership

#### **HALF YEARLY**

- Chap - 1 Classification of Business Activities
- Chap -2 Nature and Objective
- Chap -3 Classification of Business Activities
- Chap -4 Sole Trader
- Chap -5 Introduction to business organisation
- Chap -6 Partnership
- Chap -7 Joint Stock Company
- Chap -8 Types of Companies
- Chap -9 Formation of Company
- Chap -10 Public Enterprise
- Chap -11 Cooperative Organisation
- Chap -12 Social Responsibility and Business ethics
- Chap – 13 E-Business and Outsourcing

#### **MID TERM 2**

- Chap - 12 Social Responsibility and Business Ethics
- Chap - 13 E-Business and Outsourcing
- Chap - 14 Stock Exchange
- Chap - 15 Wholesale Trade
- Chap -16 Retail Trade

#### **FINAL TERM**

- Chap 13 E-Business and Outsourcing
- Chap 14 Stock Exchange
- Chap 15- Wholesale Trade
- Chap 16 - Retail trade
- Chap 17 - Procedure and Documents of Home Trade
- Chap 18 - Nature and Scope of Foreign trade
- Chap 19 - Export Trade
- Chap 20 - Import Trade
- Chap 21 -Business Risk and Insurance
- Chap 22- Types of Insurance
- Chap 23 – World Trade Organisation

**Note:- Final Term Assessment 2025 will include All Chapters as per the scope of syllabus of ISC 2026.**

## **PHYSICS**

### **NOOTAN PHYSICS FOR ISC – XI**

#### **MID TERM 1**

1. Physical World and Measurement
2. Kinematics

#### **HALF YEARLY**

3. Physical World and Measurement
4. Kinematics
5. Laws of Motion
6. Work, Energy and Power
7. Motion of System of particles and Rigid Body

#### **MID TERM 2**

1. Gravitation
2. Bulk properties of Matter

#### **FINAL TERM - Full Syllabus as per the Scope of CLASS 11**

1. Heat and Thermodynamics
2. Behaviour of Perfect Gases and Kinetic theory of Gases
3. Oscillation and Waves

## **CHEMISTRY**

**ISC Chemistry (Class XI) (Dr. H. C. Srivastava) Nageen Prak.**  
**ISC Practical Chemistry Class XI (V.C.Garg) Pitambar**

### FIRST TERM

1. BASIC CONCEPTS OF CHEMISTRY
2. STRUCTURE OF ATOM (MT1)
3. CLASSIFICATION OF ELEMENTS AND PERIODICITY IN PROPERTIES (MT1)
4. CHEMICAL BONDING AND MOLECULAR STRUCTURE
10. S-BLOCK ELEMENTS
11. SOME P-BLOCK ELEMENTS
12. ORGANIC CHEMISTRY: SOME BASIC PRINCIPLES AND TECHNIQUE
13. HYDROCARBON

### MT 1

1. STRUCTURE OF ATOM (MT1)
2. CLASSIFICATION OF ELEMENTS AND PERIODICITY IN PROPERTIES (MT1)

### FINAL TERM

1. BASIC CONCEPTS OF CHEMISTRY
2. STRUCTURE OF ATOM
3. CLASSIFICATION OF ELEMENTS AND PERIODICITY IN PROPERTIES
4. CHEMICAL BONDING AND MOLECULAR STRUCTURE
5. STATES OF MATTER: GASES AND LIQUIDS (MT2)
6. CHEMICAL THERMODYNAMICS
7. EQUILIBRUM (MT2)
8. REDOX REACTION
9. HYDROGEN
10. S-BLOCK ELEMENTS
11. SOME P-BLOCK ELEMENTS
12. ORGANIC CHEMISTRY: SOME BASIC PRINCIPLES AND TECHNIQUE
13. HYDROCARBON

### MT 2

1. STATES OF MATTER: GASES AND LIQUIDS (MT2)
2. CHEMICAL THERMODYNAMICS
3. EQUILIBRUM (MT2)

**Final Term question paper includes both First Term and Final Term chapters.**

**Pattern of question paper is in accordance with the ISC Specimen paper published by CISCE.**

## **BIOLOGY**

### **ISC –CLASS 11 BIOLOGY DR S.C TRIPATHI BALAJI PUBLICATION**

#### **MID TERM 1**

##### **UNIT 5. Human Physiology**

- (ii) Breathing and exchange of gases
- (iii) Body fluids and Circulation

#### **HALF YEARLY**

##### **UNIT 1. Diversity of Living organisms**

- (i) The Living World
- ii) Biological Classification
- (iii) Plant kingdom

##### **UNIT 2. Structural Organization in Animals and Plants**

- (i) Morphology of Flowering Plant

##### **UNIT 3. Cell Structure and Function**

- (i) Cell - The Unit of Life

##### **UNIT 4. Plant Physiology**

- (iii) Photosynthesis in higher plants
- (iv) Respiration in Plants

##### **UNIT 5. Human Physiology**

- (ii) Breathing and exchange of gases
- (iii) Body fluids and Circulation
- (iv) Excretory products and their elimination

#### **MID TERM 2**

##### **UNIT 3. Cell Structure and Function**

- (ii) Biomolecules
- iii) Cell cycle and Cell Division

#### **FINAL TERM**

##### **UNIT 1. Diversity of Living organisms**

- (iv) Animal Kingdom

UNIT 2. Structural Organization in Animals and Plants

- (ii) Anatomy of Flowering Plants
- (iii) Structural Organization in Animals

UNIT 3. Cell Structure and Function

- (ii) Biomolecules
- iii) Cell cycle and Cell Division

UNIT 4. Plant Physiology

- (v) Plant Growth and Development

UNIT 5. Human Physiology

- (v) Locomotion and movement
- (vi) Neural control and co-ordination
- (vii) Chemical Coordination and Integration

**BUSINESS STUDIES**

**ISC BUSINESS STUDIES PART I CLASS XI BY C.B. GUPTA- GOYAL BROTHERS**

**MID TERM 1**

Chapter 1: Business Environment

Chapter 2: Entrepreneurship

Chapter 3: Business Risks and Causes of Failure

**HALF YEARLY**

Chapter 1: Business Environment

Chapter 2: Entrepreneurship

Chapter 3: Business Risks and Causes of Failure

Chapter 4: Manager and Managerial Roles

Chapter 5: Authority, Responsibility and Accountability

**MID TERM 2**

Chapter 1: Business Environment

Chapter 2: Entrepreneurship

Chapter 3: Business Risks and Causes of Failure

Chapter 4: Manager and Managerial Roles

Chapter 5: Authority, Responsibility and Accountability

Chapter 6: Change Management

**FINAL TERM**

Chapter 1: Business Environment

Chapter 2: Entrepreneurship

Chapter 3: Business Risks and Causes of Failure

Chapter 4: Manager and Managerial Roles

Chapter 5: Authority, Responsibility and Accountability  
Chapter 6: Change Management  
Chapter 7: Automation at Work Places  
Chapter 8: Productivity Enhancement Tools and Facilities

## **HINDI**

### **VYAKARAN MANJUSHA**

### **GADYA SANKALAN**

### **KAVYA MANJARI**

### **AASHAD KA EK DIN**

## **MID TERM 1**

### **Literature**

1. Putra Prem 2.Sakhi

### **Grammar**

1. Correct sentence 2. Idioms

## **HALF YEARLY :**

Section :A(Language).

Essay. (400words).

Comprehension.

Grammar. : Vyakaran Manjusha.

1. Correct sentence 2. Idioms

Section: B(Literature)

Gadya Sankalan

Ch:1 Putra prem Ch:2 Gauri Ch:3. Sharanagat

Kavya Manjari

Ch:1. Sakhi Ch:2. Baal leela Ch:3. Ek phool ki chah

Aashad ka ek din: Anka -1(Act-1)

## **MID TERM 2**

### **Literature**

Ch:4 Sati Ch.4 Aa Dharti Kitna Deti Hai

### **Grammar**

Essay

## **FINAL TERM**

Final term

Section. :A(Language).

Essay. (400words).

Comprehension.

Grammar. : Vyakaran Manjusha.

1. Correct sentence 2. Idioms

Section.: B(Literature).

Gadya Sankalan

Ch:4 Sati Ch:5. Outsider Ch:6. Dasi

(Questions will come from ch.1 to ch.6)

Kavya Manjari

Ch:4 Aa dharati kitna deti hai

Ch:5 Nadi ke dweep

(Questions will come from ch.1 to ch.5)

Aashad ka ek din:. Anka-2(Act-2)

(Questions will come from Act 1 to Act 2)

Syllabus First Term is included in the Second Term.

## **BENGALI**

### **BOOKS-PROBONDHO.O.GODDO SO KOLON**

### **KOBITA.SONKOLON**

### **KONI**

## **MID TERM 1**

### **Literature**

1.Ora.Kaj.Kore

3 Taser Ghor

Koni –Novel-

### **Grammar**

Banan Suddho

Vakya Sanshodhan

## **HALF YEARLY**

Language-

1, Essay-

2Comprehension-

3, Grammar-

Banan Suddho

Vakya Sanshodhan

Idioms

Dhannathmak Shabdo

Vakya Poriborton

Bachya Poriborton

Ek kothay Prakash

Literature.-

Prose

1.Thakurda

2.Jorasankor Dhare

3.Taser Ghor

Poem

1.Ora.Kaj.Kore

2, Pub.Pashchim

3.Bonolota Sen

Koni -Novel

1,2,3,4

## **MID TERM 2**

### **Literature**

Record

Salemoner Ma

Koni (Novel)-5

## **Grammar**

Banan Suddho

Vakya.Sanshodhan

Dhannathamok Shabdo

## **FINAL TERM**

Language-40

1 Essay

2 Comprehension

3 Grammar

Banan Suddho

Vakya.Sanshodhan

Idioms

Dhannathamok Shabdo

Bakya Poriborton

Bachhya Poriborton

Ek kothay prakash

Literature

Prose

Record

Birjoshulka

Anachhaar

Poem

Salemoner Ma

Bornoporichoy

Koni (Novel)

5,6,7

Syllabus First Term is included in the Second Term.

## **COMPUTER SCIENCE**

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

### **MID TERM 1**

1. DATA REPRESENTATION - inter-conversion between number systems

3. GENERAL OOP CONCEPTS

4. INTRODUCING JAVA

5. JAVA FUNDAMENTALS

6. FLOW OF CONTROL

7. CLASSES IN JAVA

8. FUNCTIONS - [excluding 8.11 to 8.17]

PLUS : Topic 3 - ISC Syllabus - Implementation of Algorithm to solve problems

## **HALF YEARLY**

1. DATA REPRESENTATION - inter-conversion between number systems
  2. PROPOSITIONAL LOGIC & HARDWARE -fundamental logical ops, truth table, gates
  3. GENERAL OOP CONCEPTS
  4. INTRODUCING JAVA
  5. JAVA FUNDAMENTALS
  6. FLOW OF CONTROL
  7. CLASSES IN JAVA
  8. FUNCTIONS - [excluding 8.11 to 8.17]
  10. USING LIBRARY CLASSES & PACKAGES - String Manipulation
  11. ARRAY - SD
- PLUS : Topic 3 - ISC Syllabus - Implementation of Algorithm to solve problems

## **MID TERM 2**

2. PROPOSITIONAL LOGIC & HARDWARE -excluding Universal Gates, XOR, XNOR
  3. GENERAL OOP CONCEPTS
  4. INTRODUCING JAVA
  5. JAVA FUNDAMENTALS
  6. FLOW OF CONTROL
  7. CLASSES IN JAVA
  8. FUNCTIONS
  10. USING LIBRARY CLASSES & PACKAGES - String Manipulation
  11. ARRAY - DD – Basic application
  13. Trends in computing - Introduction
- PLUS : Topic 3 - ISC Syllabus - Implementation of Algorithm to solve problems

## **FINAL**

1. DATA REPRESENTATION
2. PROPOSITIONAL LOGIC & HARDWARE
3. GENERAL OOP CONCEPTS
4. INTRODUCING JAVA
5. JAVA FUNDAMENTALS
6. FLOW OF CONTROL
7. CLASSES IN JAVA
8. FUNCTIONS - simple/tail recursion
9. PROGRAM ERROR TYPES & BASIC EXCEPTION HANDLING
10. USING LIBRARY CLASSES & PACKAGES
11. ARRAY
13. Trends in computing

PLUS : Topic 3 - ISC Syllabus - Implementation of Algorithm to solve problems

Project Work/ Year's Assessment A total of 25 programs with algorithm and data list are needed.