

**ST. PATRICK'S H. S. SCHOOL, ASANSOL**  
**(SYLLABUS FOR THE SESSION: 2019 -20)**

**CLASS: XI**

**ENGLISH LANGUAGE**

**First Term**

1. Composition – [Word limit : 400-450 words] [25 Marks]
  - Narrative , Descriptive, Argumentative, Discussion/Express your Views, Short Story,
2. (a) Directed Writing based on suggested points : [Word limit : 300 words][20 Marks]
  - Article Writing, Report Writing(b) Proposal Writing based on a given situation. [10 Marks]
3. Short answer questions to test Grammar, structure and usage. [20 Marks]
4. Comprehension [25 Marks]

**Final Term**

- Same as Above.
- **2(a) : Directed Writing include: (i) Speech Writing (ii) Statement of Purpose**

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**CLASS: XI**

**ENGLISH LITERATURE**

**FIRST TERM:**

**DRAMA:-**

**THE TEMPEST by WILLIAM SHAKESPEARE**

Act 1

Act 2 Sc 1

**ECHOES: A COLLECTION OF ISC SHORT STORIES**

1. Salvatore- W. Somerset Maugham.
2. Fritz – Satyajit Ray
3. A Gorilla in the Guest Room – Gerald Durrell

**REVERIE: A COLLECTION OF ISC POEMS**

1. Desiderata – Max Ehrmann
2. John Brown – Bob Dylan
3. Dolphins – Carol Anne Duffy

**FINAL TERM:**

**DRAMA:-**

**THE TEMPEST by WILLIAM SHAKESPEARE**

From : Act II Sc: II to end of Act: III

**ECHOES: A COLLECTION OF ISC SHORT STORIES**

- (i) Quality
- (ii) The Chinese Statue – Jeffrey Archer

**REVERIE: A COLLECTION OF ISC POEMS**

- (i) The Gift Of India – Sarojini Naidu
- (ii) The Spider and the Fly – Mary Botham Howitt

➤ [The Half Yearly Syllabus to be included]

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**2<sup>nd</sup> LANGUAGE (BENGALI)**

**Text Books: 1. Koni (Novel) – Moti Nandi**

**2. Kabita Sankalan**

**3. Probondho – o – Godya Sankalan**

**FIRST TERM:**

**SECTION A: (LANGUAGE – 50 Marks)**

- 1. Essay (20 Marks)
- 2. Comprehension (20 Marks)
- 4. Grammar (10 Marks) [Banan Suddho, Bakya Sanshodhan, Idioms & Dhannattak Shabdo]

**SECTION B: (LITERATURE – 50 Marks)**

**PROSE:**

- 1. Koni (Novel) – Chapters: 1, 2, 3, 4
- 2. Probondho – o – Godya Sankalan : (a) - Thakurda, (b) - Jorasankor Dhare, (c) - Taser Ghar
- 3. Kabita Sankalan: (a) – Ora Kaj Kare, (b) – Purbo – Paschim, (c) – Banalata Sen

**FINAL TERM:**

**SECTION A: (LANGUAGE – 50 Marks)**

**SECTION A: (LANGUAGE – 50 Marks)**

- 1. Essay (20 Marks)
- 2. Comprehension (20 Marks)
- 4. Grammar (10 Marks) [Banan Suddho, Bakya Sanshodhan, Idioms & Dhannattak Shabdo]

**SECTION B: (LITERATURE - 50 Marks)**

**PROSE:**

1. Koni (Novel) - Chapters: 5, 6, 7
2. Probondho - o - Godya Sankalan : (d) - Anachar, (e) - Record, (f) - Adab
3. Kabita Sankalan: (d) - Barna Parichay, (e) - Salemoner Maa

**NB: First Term's Syllabus included in the Second Term**

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HINDI SYLLABUS - 2019 - 2020	
CLASS : XI	
FIRST TERM	
SECTION - A [LANGUAGE]	50 Marks
1. Essay [400 words]	20 Marks
2. Comprehension	20 Marks
3. Grammar : Vyakaran Manjusha	10 Marks
1. Correct Sentences	
2. Idioms	
SECTION - B [LITERATURE]	50 Marks
GADHYA SANKALAN	
Chapter 1: Puthra Prem	
Chapter 2: Gauri	
Chapter 3: Shoranagat	
KAVYA MANJARI	
Chapter 1 : Sakhi	
Chapter 2 : Bal Leela	
Chapter 3 : Eke Phool Ki Chah	
AASHAD KA EK DIN : ANK - I [Act - I]	
OR	
SARA AKASH	

FINAL TERM

SECTION A [LANGUAGE]

50 Marks

1. Essay [400 words] 20 Marks
2. Comprehension 20 Marks
3. Grammar : 10 Marks
  - a. Correct Sentences
  - b. Idioms

SECTION B [LITERATURE]

50 Marks

GADHYA SANKALAN

Chapter 4 : Sati

Chapter 5 : Out Sides

Chapter 6 : Dasi

[Questions will come from chapter 1 to chapter 6]

KAVYA MANJARI

Chapter 4 : Aa Dharti Kitna Deti Hai

Chapter 5 : Nadi Ke Dwip

Chapter 6 : Tulsi Das Ke Pad

[Questions will come from chapter 1 to chapter 6]

AASHAD KA EK DIN

Act - 2 [Act - 2]

Questions will come from Act I & Act II]

**CLASS: XI**

**PHYSICS**

**[Text Book: ISC PHYSICS - XI By Sharma & S. Kalia, ISC PHYSICS PRACTICAL NOTE BOOK XI - D.N. Publications]**

**FIRST TERM:**

- (i) Physical world and Measurement

- (ii) Kinematics (Including Motion in Straight Line , Motion in Plane, Circular Motion)
- (iii) Laws of Motion (Including Friction)
- (iv) Work, Power, Energy (Including collision in 1- dimension and 2 - dimensions)
- (v) Motion of system of Particle & Rigid body (Including Rotational Motion)
- (vi) Gravitation

**FINAL TERM:**

- (i) Properties of Matter (Including Elasticity, Fluid motion, Surface Tension)
- (ii) Heat and Thermodynamics
- (iii) Behaviour of Perfect gases & kinetic Theory of Gases
- (iv) Oscillation and waves

- **Final Term Chapters are included in Final Term**
- **Question Pattern: ISC Question Pattern to be strictly adhered**

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# CHEMISTRY

CLASS - XI

Paper 1 - Theory : 70 Marks

Term - 1

Physical Chemistry (45 Marks)

- Some Basic Concepts of Chemistry
- Structure of Atom
- Classification of Elements and periodicity in properties
- Chemical Bonding and Molecular Structure
- Chemical Thermodynamics

Inorganic Chemistry (10 Marks)

- Redox Reaction
- Hydrogen

Organic Chemistry (15 marks)

- Organic Chemistry : Some Basic Principles and Techniques

NP  
13/14

## Final Term

### Physical Chemistry (32 Marks)

- States of Matter : Gases and liquids
- Equilibrium

Full Syllabus from Mid Term

### Inorganic Chemistry (15 Marks)

- s-block elements
- Some p-block elements

Full Syllabus from Mid Term

### Organic Chemistry (23 Marks)

- Hydrocarbons
- Environmental Chemistry

Full Syllabus from Mid Term

Book :- ISC Chemistry Class XI  
Dr. H.C. Srivastava, Nageen Prakashan

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**CLASS: 11**

**SUBJECT: MATHEMATICS**

**BOOK: UNDERSTANDING ISC MATHEMATICS CLASS 11 [ VOL. I & II]BY M L AGARWAL**

**MID TERM EXAMINATION**

**SECTION: A**

CHAPTER NO:

- 01: SETS
- 02: RELATIONS AND FUNCTIONS
- 03: TRIGNOMETRY
- 05: COMPLEX NUMBERS
- 06: QUADRATIC EQUATIONS
- 10: SEQUENCE AND SERIES
- 11: STRAIGHT LINES

**SECTION : B**

- 01: CONICS
- 02: INTRODUCTION TO 3D GEOMETRY

**SECTION: C**

- 01: STATISTICS
- 02: CORRELATION ANALYSIS
- 03: INDEX NUMBER AND MOVING AVERAGES

**FINAL TERM EXAMINATIONS**

FULL CLASS 11 SYLLABUS FOLLOWING THE SCOPE OF ISC SYLLABUS 2021

**SECTION A:**

- 01: RELATIONS AND FUNCTIONS
- 03: MATRICES
- 04: DETERMINANTS

**QUESTION PAPER PATTERN**

The question paper consists of 3 sections A, B and C. Candidates are required to attempt all questions from section A and all questions from EITHER section B or Section C

**SECTION A [80 MARKS]**

Q. No; 1. 10 subparts of 2 marks each

Q. No. 2 to Q No. 10; 4 marks each. There will be internal choice in 3 questions.



Q. No. 11 to Q. No. 14: 6 marks each. Internal choice in 2 questions.

**SECTION;B [20 marks]**

Q. No. 15: 3 questions of 2 marks each

Q. No. 16 and Q. No. 17: 4 mark each. Internal choice in both questions.

Q. No. 18: 6 marks

**SECTION: C [20 marks]**

Q. No. 19: 3 questions of 2 marks each

Q. No. 20 and Q. No. 21: 4 mark each. Internal choice in both questions.

Q. No. 22: 6 marks

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**\*\*\*\*\*BIOLOGY**

**SYLLABUS FOR 2019-2020**

**CLASS-XI**

Based Strictly on ISC (2021) Syllabus and its Scope.

Question Paper Format :

Theory Paper: Full Marks: 70 Time: 3 Hours

There will be no overall choice in the paper. Candidates will be required to answer all questions. Internal choice will be available in two questions of two marks each, two questions of three marks each and all the three questions of five marks each. Please refer to ISC 2019 biology question paper format. Distribution of marks in question paper will be according to the weightage of the chapters as given in the scope.

**1<sup>st</sup> Term**

1. Diversity of Living organisms
  - (i) The Living World
  - (ii) Biological Classifications
  - (iii) Plant Kingdom
2. Structural Organization in Animals and Plants
  - (i) Morphology of Flowering Plant
  - (ii) Anatomy of Flowering Plants
3. Cell Structure and Function
  - (i) Cell - The Unit of Life
4. Plant Physiology
  - (i) Transport in Plants
  - (ii) Mineral Nutrition
  - (iii) Photosynthesis in Higher Plants
5. Human Physiology
  - (III) Body fluids and Circulation
  - (IV) Excretory Products and their elimination
  - (VI) Neural Control and Coordination

## **Final Term**

1. Diversity of Living Organisms
  - (iv) Animal Kingdom
2. Structural Organization in Animals and Plants
  - (III) Structural organization in Animals
3. Cell Structure and Function
  - (ii) Biomolecules
  - (iii) Cell Cycle and Cell division
4. Plant Physiology
  - (IV) Respiration in Plants
  - (V) Plant growth and Development
5. Human Physiology
  - (i) Digestion and Absorption
  - (ii) Breathing and Exchange of gases.
  - (V) locomotion and Movement
  - (vii) Chemical coordination and integration .

\*Portions from First Term are also included in Final term

N.B – Suggested Text book - ISC Srijan Biology class 11.( Rastogi current edition)

Reference text book : Nootan Biology class 11. (current edition)

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## **COMPUTER SCIENCE SYLLABUS [2019 – 2020] CLASS – XI**

**Text Book : Computer Science with Java, By Sumita Arora, Dhanpat Rai & Co.,  
Seventh edition, 2019.**

**Paper I : Theory - 70 Marks**

**Paper II : Practical - 30 Marks**

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### **Paper I : Theory**

#### **Mid Term :**

#### **Chapter No. Chapter Name**

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 (Methods)
9. Program Error Types and Basic Exception Handling
10. Using Library Classes and Packages [Excluding 10.6 Packages in java]
11. Arrays

**Final Term :**

**Chapter No. Chapter Name**

10. Using Library Classes and Packages - 10.6 Packages in java
12. Operations on Files
13. Trends in Computing and Ethical issues

\* **Mid Term full Syllabus is included in Final Term**

**Question Pattern**

**Mid Term :**

**Part - I (20 Marks)**

3 Compulsory Questions : 5 + 10 + 5 = 20 Marks, From Mid Term Full Syllabus

**Part - II (50 Marks)**

**Section A ( 2 x 10 = 20 Marks)**

2 out of 3 Questions each carrying 10 marks

Topics: Data Representation, Propositional Logic & Hardware

**Section B ( 2 x 10 = 20 Marks)**

2 out of 3 Questions each carrying 10 marks

Topics: Java Programs

**Section C ( 2 x 5 = 10 Marks)**

2 out of 3 Questions each carrying 5 marks

Topics: Only functions/methods (with and without Recursive technique)

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**Final Term :**

**Part - I (20 Marks)**

3 Compulsory Questions : 5 + 10 + 5 = 20 Marks, From Final Term Full Syllabus

**Part - II (50 Marks)**

Section A ( 2 x 10 = 20 Marks)

2 out of 3 Questions each carrying 10 marks

Topics: Data Representation, Propositional Logic & Hardware

**Section B ( 2 x 10 = 20 Marks)**

2 out of 3 Questions each carrying 10 marks

Topics: Java Programs

**Section C ( 2 x 5 = 10 Marks)**

2 out of 3 Questions each carrying 5 marks

Topics: Recursive function, Packages, Operations on Files, Trends in Computing and Ethical issues, Implementation of algorithm to solve problems

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**SYLLABUS 2019 – 2020 SESSION**

**COMMERCE**

**CLASS 11 - 2019 – 2020 SESSION**

Text Book : ISC Commerce Vol I by C. B. Gupta – Publisher S. Chand

Part I – Theory 80 Marks

Part II – Project Work 20 Marks

Paper I – Theory ( 80 Marks)

5

Part I (20 marks) – 10 short

each)

compulsory questions  
Part II (60 marks) – Answer any  
questions out of 8 ( 12 marks

**FIRST TERM**

1. Nature and purpose of Business

a. Classification of human activities

Definition & Concept of business, Profession and Employment,  
Economic vs Non Economic

b. Nature and objective of Business

c. Classification of Business

2. Forms of Business organization

a. Introduction of Business

Organizations

b. Sole trader

c. Partnership

d. Joint Stock Company

e. Types of Companies

f. Formation of a Company  
g. Pub Enterprises, Public

Utilities,

PPP

h. Co-operative Organization

3. Social Responsibility of Business & Business Ethics

4. Emerging Modes of Business

a. E-business and Outsourcing

5. Stock Exchange [ FOLLOW THE ISC SCOPE OF SYLLABUS]

**FINAL TERM**

**THE ENTIRE SYLLABUS AS PER ISC COUNCIL SYLLABUS FOR CLASS 11 [FULL BOOK]  
New Chapters to be taught in this term are given below:**

6. Inland Trade  
a. Wholesale Trade  
b. Retail Trade  
c. Procedure of documents used in Home Trade  
d. Chambers of Commerce & Industry & Trade Association

7. Foreign Trade  
a. Nature and scope of Foreign Trade  
b. Export Trade  
c. Import Trade  
d. WTO

8. Insurance  
a. Business Risks & Insurance  
b. Types of Insurance

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**ECONOMICS SYLLABUS FOR CLASS XI**

AS PER SCOPE OF ISC SYLLABUS 2020

BOOKS: (i) FRANK ISC ECONOMICS FOR CLASS XI  
- D.K. SETHI, U.ANDREWS  
(Revised edition)

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**SCOPE OF SYLLABUS TO BE STRICTLY FOLLOWED**

**MID-TERM SYLLABUS:**

Chapter 1: Understanding Economics

*(i) Definition of Economics: Adam Smith, Alfred Marshall, Lionel Robbins, Samuelson.*

*Features of definitions and two-three criticisms.*

*(ii) Micro and macro economics – Meaning and differences.*

Chapter 2: Basic Concepts of Economics

*Utility, price, value, wealth, welfare, money, market, capital, investment, income, production, consumption, saving, business cycle, aggregate demand, aggregate supply.*

Chapter 3: Basic Problems of an Economy

*What to produce, how to produce; for whom to produce, efficient use of resources, production possibility curve.*

Chapter 4: Types of Economies

*Developed and developing economies, economic systems: capitalism, socialism, mixed economy; mechanism used to solve the basic problems faced by each economy*

*Characteristics of developed and developing economies; regional global economies such as SAARC, European Union, ASEAN, G-8, G-20.*

Chapter 5: Solutions to the basic economic problems under different economic systems

*Different economic systems; mechanisms to solve the basic problems under each economic system, role of government along with price mechanism to be emphasized.*

Chapter 6: The state of the Indian economy on the eve of independence  
*Main features; problems and policies of agriculture, industry and foreign trade.*

Chapter 7: Economic growth and development  
*Meaning and differences*

Chapter 8: Parameters of Development  
*Per capita income and human development index*

Chapter 9: Sustainable Development  
*Effect of economic development on resources and environment; understanding concept of sustainable development, need for sustainable development. Global warming- meaning and effects*

Chapter 10: Planning and economic development in India  
*An overview of macro objectives (sectoral objectives not required) and major thrusts of the different five year plans in India.*

Chapter 12: The problem of poverty in India  
*Absolute and relative poverty; main programmes for poverty alleviation; a critical assessment of PAPs.*

*To omit (i) Various estimates of magnitudes of poverty  
(ii) Nature and extent of poverty in India  
(iii) Vicious circle of poverty  
(iv) Causes of Poverty*

Chapter 17: Definition, scope, importance and limitations of Statistics.

Chapter 19: Measures of Central Tendency

Chapter 20: Measures of Dispersion  
*(Theory portions for statistics to be included as per the scope of syllabus)*

## **FINAL TERM**

Chapter 11: Structural changes in Indian economy after Liberalisation  
*Need; meaning; significance and features of liberalisation; globalisation and privatisation; disinvestment: meaning.*

Chapter 13: Rural development

*Rural development; credit and marketing; role of cooperatives; agricultural diversification; alternate farming/organic farming; meaning and importance.*

Chapter 14: Human capital formation in India

*How people become resource; role of human capital in economic development; growth of education sector in India; education- formal, informal (meaning only).*

Chapter 15: Employment and unemployment problems in India.

*Unemployment- types, causes, policy measures (after 2000)*

*To include (i) Types of Unemployment*

*(ii) Causes of Unemployment*

*(iii) Policy measures taken up after 2000.*

Chapter 16: Comparative study of Indian and Chinese Economy

*To include **only** comparative study on*

- *Unemployment*
- *GDP growth*
- *GDP per capita*
- *GDP PPP*
- *FDI*
- *Inflation*
- *Poverty*

Chapter 18: Collection, organisation and presentation of data

Chapter 21: Correlation

Chapter 22: Index Numbers

Chapter 23: Some mathematical tools used in Economics

*(Theory portions for statistics to be included as per the scope of syllabus)*

**NOTE: FINAL TERM WILL INCLUDE THE ENTIRE SYLLABUS FROM MID TERM.**

**ECONOMICS (Class XI & XII)**  
**FORMAT OF QUESTION PAPER (class XI & XII)**

Under ISC 2019-20 regulations.

Reference books :

- i) Frank ISC Economics for class XI D.K. Sethi & U. Andrews (for class XI)
- ii) Frank ISC Economics for class XII D.K. Sethi & U. Andrews (for class XII)

Total mark in the subject is 100, which is divided into 80 marks theory and 20 marks project.

➤ **THEORY (80 marks)**

There will be two groups / sections / parts in the paper.

Part I – (20 marks) will consist of **ten(10)** compulsory short answer questions of 2 marks each testing knowledge, application and skills relating to elementary or fundamental aspects of the entire syllabus.

Part II (60 marks) will consist of eight (08) questions out of which the candidates will be required to answer **any five (05)** questions, each carrying 12 marks. Each of the eight questions will be divided into further sub parts of (3 +3 + 6 = 12 marks).

➤ **PROJECT ( 20 marks )**

- ✓ Candidates will be expected to have completed two (02) projects from any of the topic covered in the theory.
- ✓ The practical work will be assessed by the teacher and a Visiting Examiner appointed locally and approved by the council (for class XII).
- ✓ Marks allocation for **each** project [10 marks].

\*Please note that any other format will not be accepted.

Date : 30.03.2019

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**SYLLABUS FOR 2019-2020**

**CLASS 11**

**ACCOUNTS**

(AS PER ISC 2021 SCOPE OF SYLLABUS)

Text Book – Double Entry Book Keeping by T.S. Grewal for Class – XI

- a. Paper – 1 – 80 Marks (Theory & Problem)
- b. Paper – 2 – 20 Marks (Project Work & Viva – Voce)

**Question Pattern**

Part I (Compulsory) 20 marks (short answer questions) (10 x 2 = 20)  
Part II (Attempt five questions out of eight) (5 x 12 = 60)

**A. HALF YEARLY EXAMINATION**

**I. BASIC ACCOUNTING CONCEPTS**

1. Introduction to Accounting Concepts
2. G.A.A.P & Basic Accounting



3. Accounting Standards&I.F.R.S      4. Basic Accounting Terms  
5. Bases of Accounting                      6. Accounting Equation(problem not required).

**II. JOURNAL, LEDGER, TRIAL BALANCE & BRS**

7. Journal                                              8. Ledger  
9. Cash Book                                        10. Petty Cash Book  
11. Sub Division of Journal      12. Trial Balance  
13. B.R.S.

**III. DEPRECIATION, PROVISION AND RESERVES AND BILLS OF EXCHANGE**

14. Depreciation    15. Provisions and Reserves  
16. Bills of Exchange 17. Capital and Revenue Incomes/Expenditures

**B. FINAL TERM EXAMINATION**

Full syllabus as per ISC 2021 scope of syllabus

- Note: 1)      Scope of syllabus as per 2021 to be followed strictly**  
**2)      Two to Four questions can be set for 12 marks**

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**SYLLABUS FOR THE ACADEMIC SESSION 2019-2020**

**SUBJECT: BUSINESS STUDIES CLASS: XI**

[AS PER I.S.C, 2021 SCOPE OF SYLLABUS]      PAPER-- 1 – 80 MARKS (THEORY)

PAPER -2 – 20 MARKS (Project Marks& VIVA-VOCE)

**TEXT BOOK— ISC BUSINESS STUDIES BY Dr. C. B. GUPTA FOR CLASS-XI[G. B. PRAKASHAN]**

PAPER-1—PART-I(COMPULSORY) 20 MARKS [SHORT QUESTIONS] [10X2 =20]  
PART- II (ATTEMPT FIVE QUESTIONS OUT OF EIGHT ] [5 X 12 = 60 ][4+4+4 OR 6+6 OR 8+4]

**HALF YEARLY EXAMINATION – 2019**

Chapter 1. BUSINESS ENVIRONMENT

Chapter 2. ENTREPRENEURSHIP

Chapter 3. BUSINESS RISK AND CAUSES OF FAILURE.

Chapter 4. MANAGER AND MANAGERIAL ROLES

Chapter 5. AUTHORITY, RESPONSIBILITY AND ACCOUNTABILITY

**FINAL TERM EXAMINATION- 2019-2020**

FULL SYLLABUS AS PER ISC 2021 SCOPE OF SYLLABUS

**Note: Scope of Syllabus as per 2021 to be followed strictly.**

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