



BIOLOGY

UNIT-I

- CH-1 Sexual Reproduction in Flowering Plants
- CH-2 Human Reproduction
- CH-3 Reproductive Health
- CH-4 Principles of Inheritance and Variations
- CH-5 Molecular Basis of Inheritance

HALF-YEARLY

- CH-6 Evolution
- CH-7 Human Health and Diseases
- CH-8 Microbes in Human Welfare
- CH-9 Biotechnology: Principles and Processes
- + UNIT-I

I-PRE-BOARD EXAMINATION

- CH-10 Biotechnology and Its Applications
- CH-11 Organisms and Populations
- CH-12 Ecosystem
- CH-13 Biodiversity and Its Conservation
- +UNIT-I + HALF YEARLY

II-PRE-BOARD EXAMINATION

Complete Syllabus

HINDI

UNIT I

काव्य मंजरी -जाग तुझको दूर जाना ,उद्यमी नर

गद्य संकलन - क्या निराश हुआ जाए , आउटसाइडर

आषाढ़का एक दिन -अंक एक

व्याकरण -मुहावरे ,लोकोक्तियाँ , शुद्ध वाक्य

HALF YEARLY (Whole Syllabus)

काव्य मंजरी -साखी ,बाल लीला ,एक फूल की चाह ,आ :धरती कितना देती है ,नदी के द्वीप , तुलसी के पद, अंधेरे का दीपक

जाग तुझको दूर जाना ,उद्यमी नर ,बादल को घिरते देखा है

गद्य संकलन -पुत्र -प्रेम ,गौरी ,शरणागत ,सती ,आउटसाइडर,क्या निराश हुआ जाए ?,भक्तिन

संस्कृति क्या है ?,दासी, मजबूरी

आषाढ़का एक दिन-पूरा नाटक

व्याकरण – निबंध,अपठित गद्यांश , मुहावरे ,लोकोक्तियाँ , शुद्ध वाक्य

CHEMISTRY

1st UNIT:-

Chapter 1. Solution

Chapter 6. Haloalkanes and Haloarenes

HALF-YEARLY:-

Chapter 2. Electrochemistry

Chapter 4. Chemical Kinetics

Chapter 6. Haloalkanes and Haloarenes
Chapter 7. Alcohols, Phenols and Ethers
Chapter 8. Aldehydes, Ketones and Carboxylic acids

PRELIMS:-

Full Syllabus

MATHEMATICS

UNIT 1

Chapter 2: Inverse trigonometric functions
Chapter 3: Matrices
Chapter 4: Determinants
Chapter 5 : Continuity and Differentiability

HALF YEARLY EXAMINATION

Chapter 2: Inverse trigonometric functions
Chapter 3: Matrices
Chapter 4: Determinants
Chapter 5: Continuity and Differentiability
Chapter 6: Application of derivatives
Chapter 7: Integrals
Chapter 8: Definite Integral

PRE BOARD-I & PRE BOARD-II (full course)

Chapter 1: Relations and Functions
Chapter 2: Inverse trigonometric functions
Chapter 3: Matrices
Chapter 4: Determinants
Chapter 5: Continuity and Differentiability
Chapter 6: Application of derivatives
Chapter 7: Integrals
Chapter 8: Definite Integral
Chapter 9: Differential equations
Chapter 10: Probability

(Section B)

Chapter 1: Vectors
Chapter 2: Three dimensional geometry
Chapter 3: Application of integrals

(Section C)

Chapter 1: Application of calculus in Commerce and Economics
Chapter 2: Linear regression
Chapter 3: Linear programming

PHYSICS

UNIT -I

01. Electric Charges and Electric Field
02. Gauss Theorem
03. Electric Potential
04 Capacitors and dielectric

HALF YEARLY EXAMINATION

01. Electric Charges and Electric Field
02. Gauss Theorem
03. Electric Potential
04. Capacitors and Dielectrics
05. Electric Current and ohms law
06. DC circuits and measurement
07. Moving Charges and Magnetism
08. Torque on a current carrying loop-moving coil galvanometer
09. Magnetic field and earth's magnetism
10. magnetic properties of matter
11. Electromagnetic Induction
12. Alternating Current
13. Electromagnetic waves
14. Ray optics

PRELIMS

01. Electric Charges and Electric Field
02. Gauss Theorem
03. Electric Potential
04. Capacitors and Dielectrics
05. Electric resistance and ohms law
06. DC circuits and measurement
07. Moving Charges and magnetic field
08. Torque on a current carrying loop
09. Magnetic field and earth's magnetism
10. Magnetic properties of matter
11. Electromagnetic Induction and Alternating Current
12. Electromagnetic Wave
13. Ray Optics and Optical Instruments
14. Dual Nature of Radiation and Matter
15. Atoms and Nuclei
16. Semiconductor Electronic
17. Wave Optics

ENGLISH LANGUAGE

UNIT 1

01. Report writing
02. Phrasal Verbs/ prepositions
03. Tenses
04. Transformation of Sentences

HALF YEARLY EXAMINATION

01. Report writing
02. Phrasal Verbs/ prepositions
03. Tenses
04. Transformation of Sentences
05. Composition
06. Proposal Writing
07. Comprehension

PRELIMS: 1 & 2

Complete Course as prescribed by CICSE.

LITERATURE IN ENGLISH

UNIT 1

Short Stories-

1. Atithi/Guest

Poetry -

1. Telephone Conversation

Play-

Macbeth – Act 3

HALF YEARLY EXAMINATION

Short Stories-

01. Atithi/Guest
02. The Cookie Lady
03. There Will Come Soft Rains

Poetry -

01. Telephone Conversation
02. Tithonus
03. Beethoven

Play-

Macbeth (drama) – Act 3 and Act 4.

PRELIMS: 1 & 2

Short Stories-

01. Atithi/Guest
02. The Cookie Lady
03. There Will Come Soft Rains
04. Indigo
05. The Medicine Bag

Poetry -

01. Telephone Conversation
02. Tithonus
03. Beethoven
04. Small Towns and the River
05. Death Be Not Proud

Play-

Macbeth (drama) – Act 3, Act 4 and Act 5.

(Complete Course of class 12 as prescribed by CICSE.)

COMPUTER SCIENCE

UNIT 1

Chapter 1: Boolean algebra

Chapter 2: Computer Hardware

Chapter 12: Concept of Inheritance

HALF YEARLY EXAMINATION

Chapter 1: Boolean algebra

Chapter 2: Computer Hardware

Chapter 3: Object and classes

Chapter 4: Primitive values types, casting, variables & expressions

Chapter 5: Statements, controls structures and scope

Chapter 6: Functions/Methods

Chapter 7: Arrays and Strings

Chapter 8: Compile and running Java programs

Chapter 9: Java classes: an OOP Perspective

Chapter 10: Running and Compiling Java Programs

Chapter 11: Recursion

Chapter 14: Simple Data Structure

Chapter 15: Recursive Data Structure (Binary Tree)

Chapter 16: Computational Complexity

PRELIMS – 1

Full Syllabus

PRELIMS – 2

full syllabus

VALUE EDUCATION

UNIT 1

Chapter 1,2 AND 3

HALF YEARLY EXAMINATION

Chapter 1,2 ,3 ,4, 5 AND 6

ACCOUNTS

UNIT 1

Ratio analysis

Issue of shares

Comparative and common size balance sheet

Comparative and common size statement of profit and loss

HALF YEARLY EXAMINATION

Financial statement analysis

Comparative and common size balance sheet

Comparative and common size statement of profit and loss

Ratio analysis

Redemption of debentures

Fundamental of partnership

Calculation of goodwill

Admission of partners

UNIT 2

Retirement of partner

Dissolution of partnership firm

Cash flow statement
Final account of a companies

PRE-BOARD - I

All the topics included in first unit, second unit and half yearly (Full Course)

PRE-BOARD - II

All the topics included in first unit, second unit and half yearly (Full Course)

COMMERCE

Unit 1

Capital fixed and working
Business environment

HALF YEARLY EXAMINATION

Business environment
Capital fixed and working
Sources of finance for a joint stock company
Banking latest trend
Management meaning nature and importance
Principles of management
Functions of Management and coordination
Planning
Organizing
Staffing

UNIT - II

Directing
Controlling
Marketing concept and functions
Marketing mix

PRE-BOARD-I

Entire topic of first term, second term and half yearly

PRE-BOARD - II

Entire topic of first term, second term and half yearly

ECONOMICS

UNIT I:

Ch-2 Demand and law of Demand
Ch.- 3 Consumer Behaviour
CH-4 Elasticity of Demand
CH- 5 supply

HALF-YEARLY EXAMINATION:

ch-2 Demand and law of Demand
CH-3 Theory of Consumer Behaviour -Marginal Utility and Indifference Curve Analysis
CH-4 Elasticity of Demand
CH-5 Supply- Law of Supply and Price Elasticity of Supply
Ch-6 Market Mechanism: Equilibrium Price and quantity in a Competitive Market
CH-7 Laws of Returns - Returns to factor and Returns to scale
CH-8 Cost and Revenue Analysis

CH-9 Forms of Market
 CH-10 Producer's equilibrium
 CH-11 Determination of Equilibrium Price and output under Perfect Competition
 CH-12 Theory of Income and Employment
 CH-13 Money: meaning and functions
 CH-14 Banks Commercial Banks and Central Banks
 CH-15 Balance of Payments and Exchange Rate
 CH- 18 Flow of National Income
 CH-19 Aggregates of National Income
 CH-20 Calculation of National Income
 PRE- PRELIM EXAMS AND PRELIM EXAMS:
 CH-2 Demand and law of Demand
 CH-3 Theory of Consumer Behaviour -Marginal Utility and Indifference Curve Analysis
 CH-4 Elasticity of Demand
 CH-5 Supply- Law of Supply and Price Elasticity of Supply
 Ch-6 Market Machanism: Equilibrium Price and quantity in a Competative Market
 CH-7 Laws of Returns - Returns to factor and Returns to scale
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 CH-12 Theory of Income and Employment
 CH-13 Money: meaning and functions
 CH-14 Banks Commercial Banks and Central Banks
 CH-15 Balance of Payments and Exchange Rate
 CH-16 Fiscal Policy
 CH-17 Government Budget
 CH-18 National Income and Circular Flow Of Income
 CH-19 National Income Aggregates
 CH-20 Methods of Measuring National Income

*****ALL THE BEST*****