BIOLOGY

Unit 1
- Chapter 1 Reproduction in Organism.
- Chapter 2 Sexual reproduction in flowering plants.
- Chapter 3 Human Reproduction.
- Chapter 4 Reproductive health.
- Chapter 5 Principles of inheritance and variations.
- Chapter 6 Molecular basis of inheritance.

Half yearly
- Chapter 1 Reproductive in organisms
- Chapter 2 Sexual reproduction in flowering plants.
- Chapter 3 Human reproduction.
- Chapter 4 Reproductive health.
- Chapter 5 Principles of inheritance and variations.
- Chapter 6 Molecular basis of inheritance.
- Chapter 7 Evolution.
- Chapter 8 Human health and Diseases.
- Chapter 9 Strategies for enhancement in food production.
- Chapter 10 Microbes in human welfare.
- Chapter 11 Biotechnology : Principles and processes.

Pre board 1
- Chapter 1 Reproduction in Organisms.
- Chapter 2 Sexual Reproduction in flowering plants.
- Chapter 3 Human Reproduction.
- Chapter 4 Reproductive Health.
- Chapter 5 Principles of inheritance and variations.
- Chapter 6 Molecular Basis of inheritance.
- Chapter 7 Evolution.
- Chapter 8 Human health and Diseases.
- Chapter 9 Strategies for enhancement in food production chapter.
- Chapter 10 microbes in human welfare.
- Chapter 11 Biotechnology principles and processes.
- Chapter 12 Biotechnology and its application.
- Chapter 13 organisms and population.
- Chapter 14 ecosystem.
- Chapter 15 biodiversity and conservation.
- Chapter 16 environmental issues.

Pre board-2 Full syllabus , same as given in Pre board-1

HINDI

UNIT 1

काव्य मंजरी– जाग तुझको दूर जाना, उदयमी नर
गद्य संकलन– क्या निराश हुआ जाए, आउटसाइडर

सारा आकाश– सारा आकाश पूर्वाद्ध– एक से पाँच अंक तक।

व्याकरण– मुहावरे, लोकोक्तियाँ, शुद्ध वाक्य

HALF YEARLY EXAMINATION

(Whole Syllabus)

काव्य मंजरी– साखी, बाल लीला, एक फूल की चाह, आ धरती कितना देती है, नदी के द्वीप,

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

गद्य संकलन– पुत्र–प्रेम, गौरी, शराणागत, सती, आउटसाइडर, क्या निराश हुआ जाए? भक्तिन संस्कृति क्या है? सारा आकाश– पूरा उपन्यास

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

PRE BAORD – I & PRE BOARD - II (Full course)

CHEMISTRY

UNIT 1

Chapter 2: Solution

Chapter 3 : Electrochemistry

Chapter 10: Haloalkanes and Haloarenes

Chapter11: Alcohols, Phenols and Ethers

HALF YEARLY

 Chapter 2: Solution

 Chapter 3: Electrochemistry

 Chapter 4: Chemical Kinetics

 Chapter 6: Metallurgy

 Chapter 8: d & f Block

 Chapter 10: Haloalkanes and Haloarenes

 Chapter11: Alcohols, Phenols and Ethers

 Chapter 12: Aldehydes, Ketones and Carboxylic acids

 Chapter 13: Organic Compounds Containing Nitrogen

 Chapter 15: Chemistry in Everyday Life

PRE-PRELIMS & PRELIMS

Whole Syllabus

MATHEMATICS

UNIT 1

Chapter 2: Inverse trigonometric functions

Chapter 3: Matrices

Chapter 4: Determinants

HALF YEARLY EXAMINATION

Chapter 2: Inverse trigonometric functions

Chapter 3: Matrices

Chapter 4: Determinants

Chapter 5: Differentiation

Chapter 6: Indeterminate form

Chapter 7: Application of derivatives

Chapter 8: Integrals

Chapter 9: Differential equations

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: Differentiation
Chapter 6: Indeterminate form
Chapter 7: Application of derivatives
Chapter 8: Integrals
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 1
Chapter 1. Electric Charges and Electric Field
Chapter 2. Gauss Theorem
Chapter 3. Electric Potential
Chapter 4. Capacitors and Dielectrics
HALF YEARLY EXAMINATION
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. Magnetism and Matter
09. Torque on a current carrying loop
10. Electromagnetic Induction and Alternating Current
11. Electromagnetic Wave
UNIT 2
01. Ray Optics and Optical Instruments
02. Wave Optics
03. Dual Nature of Radiation and Matter
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. Electromagnetic Induction and Alternating Current
10. Electromagnetic Wave
11. Ray Optics and Optical Instruments
12. Dual Nature of Radiation and Matter
13. Atoms and Nuclei
14. Electronic Devices

ENGLISH LANGUAGE

UNIT 1
01. Report writing
02. Phrasal Verbs/ prepositions
03. Tenses
O4. 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

UNIT 1
Short Stories-
01. The Chinese Statue
02. The Sound Machine
Poetry -
01. The Dolphins
02. John Brown
The Tempest (drama) – Act 4 Scene 1(till line 125)

HALF YEARLY EXAMINATION
Short Stories-
01. The Chinese Statue
02. The Sound Machine
03. B. Wordsworth
04. A Gorilla in the Guest room
Poetry -
01. The Dolphins
02. John Brown
03. The Darkling Thrush
04. The Spider and the Fly
The Tempest (drama) – Act 4 Scene 1.

PRELIMS: 1 & 2
Complete Course of classes 11 and 12 as prescribed by CICSE.

COMPUTER SCIENCE

UNIT 1

Chapter 1: Boolean algebra

Chapter 2: Computer Hardware

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 Ch. 9. Java classes: an OOP Perspective

Chapter 11: Recursion

PRELIMS – 1

(And all the chapters of Unit - I and Half Yearly Examination) and

Chapter 12: Concept of Inheritance

Chapter 14: Simple Data Structure

Chapter 15: Recursive Data Structure (Binary Tree)

PRELIMS – 2

Same as Pre Board – I (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

Fundamental of partnership

Calculation of goodwill

Ratio analysis

HALF YEARLY EXAMINATION

Financial statement analysis

Comparative and common size balance sheet

Comparative and common size statement of profit and loss

Ratio analysis

Issue of shares

Issue of debentures

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

Sources of finance for a joint stock company

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 - Il

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 1

Chapter 2: Demand and law of Demand

Chapter 3: Theory of Consumer Behavior -Marginal Utility and Indifference Curve Analysis

Chapter 4: Elasticity of Demand

HALF-YEARLY EXAMINATION

Chapter 2: Demand and law of Demand

Chapter 3: Theory of Consumer Behavior -Marginal Utility and Indifference Curve Analysis

Chapter 4:Elasticity of Demand

Chapter 5: Supply- Law of Supply and Price Elasticity of Supply

Chapter 6: Market Mechanism: Equilibrium Price and quantity in a Competitive Market

Chapter 7:Laws of Returns - Returns to factor and Returns to scale

Chapter 8:Cost and Revenue Analysis

Chapter 9:Forms of Market

Chapter 10:Producer's equilibrium

Chapter 11:Determination of Equilibrium Price and output under Perfect Competition

Chapter 13:Money: meaning and functions
Chapter 14:Banks Commercial Banks and Central Banks
Chapter 15:Balance of Payments and Exchange Rate
PRE- PRELIM EXAMS AND PRELIM EXAMS
Chapter 2: Demand and law of Demand
Chapter 3: Theory of Consumer Behaviour -Marginal Utility and Indifference Curve Analysis
Chapter 4: Elasticity of Demand
Chapter 5: Supply- Law of Supply and Price Elasticity of Supply
Chapter 6: Market Machanism: Equilibrium Price and quantity in a Competative Market
Chapter 7: Laws of Returns - Returns to factor and Returns to scale
Chapter 8: Cost and Revenue Analysis
Chapter 9: Forms of Market
Chapter 10: Producer's equilibrium
Chapter 11: Determination of Equilibrium Price and output under Perfect Competition
Chapter 12: Theory of Income and Employment
Chapter 13: Money: meaning and functions
Chapter 14: Banks Commercial Banks and Central Banks
Chapter 15:Balance of Payments and Exchange Rate
Chapter 16: Fiscal Policy
Chapter 17: Government Budget
Chapter 18: National Income and Circular Flow Of Income
Chapter 19: National Income Aggregates
Chapter 20: Methods of Measuring National Income

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