

CONVENT OF JESUS & MARY, DEHRADUN
HALF YEARLY EXAMINATION SYLLABUS SEPTEMBER 2021
CLASS 11

ENGLISH LANGUAGE

1. Compositions (All kinds)
2. Newspaper Report
3. Grammar
 - Transformation of sentences
 - Tenses
 - Prepositions
4. Comprehension

ENGLISH LITERATURE

1. The Tempest
Act 1 - scene 1&2
2. Echoes- Short stories
 - Salvatore
 - Fritz
 - Quality
3. Reverie-Poems
 - The spider and the fly
 - Dolphins

MATHEMATICS

SECTION A

- Chapter 1 : Sets
- Chapter 2: Relations & Functions
- Chapter 4: Trigonometrical Functions
- Chapter 5: Compound and Multiple Angles
- Chapter 8: Mathematical Induction
- Chapter 9: Complex Numbers
- Chapter 10: Quadratic Equations
- Chapter 11: Inequalities
- Chapter 15: Points & coordinates
- Chapter 16: The Straight Lines
- Chapter 20: Measures of central tendency

- Chapter 21: Measures of Dispersion

SECTION B

- Chapter 23: Parabola
- Chapter 26: Points & coordinate in 3D

SECTION C

- Chapter 28: Statistics
- Chapter 31: Moving Average

HINDI

पुस्तक- गद्य संकलन

- पुत्र प्रेम
- गौरी
- शरणागत
- सती

पुस्तक- काव्य मंजरी

- साखी (कबीर)
- बाल लीला (सूरदास)
- एक फूल की चाह
- आ: धरती कितना देती है।

व्याकरण- निबंध

अपठित गद्यांश ।

मुहावरों के वाक्य प्रयोग।

अशुद्ध वाक्यों को शुद्ध करो ।

PHYSICS

- UNIT 1 : Physical World and Measurement
- UNIT 2 : Kinematics
- UNIT 4 : Work, Power and Energy
- UNIT 6 : Gravitation
- UNIT 7 : Properties of Bulk Matter

CHEMISTRY

- Some basic concepts of Chemistry
- Structure of Atom
- Classification of Elements & Periodicity in Properties
- Chemical Bonding & Molecular Structure
- States of Matter
- Chemical Thermodynamics
-

ACCOUNTS

1. Introduction to accounting
2. Basic Accounting Terms
3. Basis of Accounting
4. Journal
5. Ledger
6. Sub-Division of Journal -Cash book
 - Triple Column Cash Book
 - Petty cash book
7. Sub-Division of journal
 - Purchase and Sales Book
 - Return Inward/Outward Book
8. Trial balance
9. Bank Reconciliation Statement
10. Depreciation Only SLM

COMMERCE

UNIT 1

1. Classification of Human Activities
2. Nature and Objectives of Business
3. Classification of business activities

UNIT 2

4. Introduction to Business Organisation
5. Sole trader
6. Partnership

UNIT 3

7. Social Responsibility of Business and Business ethics

UNIT 5

8. Stock Exchange

UNIT 6

9. Wholesale trade
10. Retail trade

PSYCHOLOGY

SECTION A

- The Subject Of Psychology.
- Methods Of Psychology.
- Attention and Perception.

SECTION B

- Emotions And Motivation.

HISTORY

- Chapter 1- Growth of Nationalism
- Chapter 2- Emergence of Colonial Economy
- Chapter 3- Social and Religious Movements
- Chapter 4- Protest Movements against Colonial Rule
- Chapter 6- Urbanisation, Growth of Working Class and Workers' Movements
- Chapter 7- The First World War (1914 – 18)
- Chapter 8- Peace Settlement after the World War 1- Establishment of the League of Nations

- Chapter 9- The Great Depression

COMPUTER APPLICATIONS

- Chapter 1: Data Representation
- Chapter 2: Propositional Logic and Hardware
- Chapter 3 to Chapter 7: Java Fundamentals
- Chapter 8: Functions
- Chapter 9: Exception Handling
- Chapter 10: Library Classes and String Manipulation
- Chapter 11: Arrays

BIOLOGY

UNIT 1-DIVERSITY OF LIVING ORGANISMS

- (i) The living world.
- (ii) Biological classification
- (iii) Plant kingdom
- (iv) Animal kingdom

UNIT 3-CELL: STRUCTURE AND FUNCTION

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

ECONOMICS

- 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 Economic Problems Under Different Economics Systems
- Chapter 6. Economic Growth and Development
- Chapter 7. Parameters (Indicators) of Development
- Chapter 8. Sustainable Development
- Chapter 9. Planning and Economic Development in India

HOME SCIENCE

- CONCEPT AND SCOPE OF HOMESCIENCE – UNIT 1 (COMPLETE)
- FOOD AND NUTRITION - UNIT 2 (COMPLETE)
- STORAGE AND PRESERVATION - UNIT 3 (COMPLETE)
- RESOURCE MANAGEMENT – UNIT 4 (COMPLETE)

NOTES: TOPICS THAT ARE MARKED IN THE TEXTBOOK AS WELL NOTES

GIVEN ON ABOVE MENTIONED TOPICS ARE ALL INCLUDED IN THE SYLLABUS.

FINE ARTS

- ART PAPER -1 (STILL LIFE STUDY)
- ART PAPER – 2 (NATURE STUDY)
- CRAFT PAPER WORK (all crafts done in class will be examined for this paper)

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CLASS XII

ENGLISH LANGUAGE

1. Compositions (All kinds)
2. Newspaper Report and Reviews
3. Grammar
 - Transformation of sentences
 - Tenses
 - Prepositions
4. Comprehension

ENGLISH LITERATURE

The Tempest

Act III - scene 1,2&3

Echoes- Short stories

- To build a Fire- Jack London
- The Story of an Hour- Kate Chopin

Reverie-Poems

- The Darkling Thrush- Thomas Hardy
- The Birches-Robert Frost
- Cross the Bar-Alfred Lord Tennyson

MATHEMATICS

SECTION A

CH 1 – RELATIONS

CH 2- FUNCTIONS

CH 4 – INVERSE TRIGONOMETRIC FUNCTIONS

CH 5 – DETERMINANTS

CH 6 – MATRICES

CH 7- CONTINUITY & DIFFERENTIABILITY

CH 8 – DIFFERENTIATION

CH 9- INDETERMINATE FORM OF LIMITS

CH 11 – APPLICATION OF DERIVATIVES

CH 12 – MAXIMA & MINIMA

SECTION B

CH 21 – VECTORS

CH 22 – VECTORS (CONTINUED)

CH 23 – THREE DIMENSIONAL GEOMETRY (LINES)

SECTION C

CH 26 – APPLICATION OF CALCULUS IN COMMERCE AND ECONOMICS

HINDI

पुस्तक- गद्यसंकलन

- पुत्रप्रेम
- गौरी
- शरणागत
- सती

पुस्तक- काव्यमंजरी

- साखी (कबीर)
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- एकफूलकीचाह
- आ: धरतीकितनादेतीहै।

पुस्तक- आषाढकाएकदिन

अंक -1

व्याकरण- निबंध

अपठितगद्यांश।

मुहावरोंकेवाक्यप्रयोग।

अशुद्धवाक्योंकोशुद्धकरो।

CHEMISTRY

- Solid State
- Solutions
- Electrochemistry
- General Principles & Processes of Isolation of Elements
- p- Block Elements
- Haloalkanes & Haloarenes
- Alcohols, Phenols & Ethers

PHYSICS

- UNIT 1 : ELECTROSTATICS
- UNIT 2 : CURRENT ELECTRICITY
- UNIT 3 : MAGNETIC EFFECTS OF CURRENT AND MAGNETISM
- UNIT 4 : ELECTROMAGNETIC INDUCTION AND ALTERNATING CURRENT

BIOLOGY

UNIT 1—REPRODUCTION

- (I) Reproduction in organisms.
- (ii) Sexual reproduction in flowering plants.
- (iii) Human reproduction.
- (iv) Reproductive health.

UNIT 2-GENETICS AND EVOLUTION

- (i) Principles of inheritance and variation.
- (ii) Molecular basis of inheritance.
- (iii) Origin of life
- (iv) Evidences and theories of biological evolution.

UNIT 3 -BIOLOGY AND HUMAN WELFARE

- (i) Microbes and human welfare

HISTORY

- Chapter 1- Towards Independence and Partition: The Last Phase(1935 - 1947)
- Chapter 2 -Establishment and Development of Indian Democracy (1947 – 1966)
- Chapter 3 -Challenges to Indian Democracy (1964 to 1977)
- Chapter 4 -Changing Face of the Indian Democracy (1977 to 1986)
- Chapter 5 - Indian Foreign Policy
- Chapter 6 – Movements for Women’s Rights

PSYCHOLOGY

- Intelligence and Ability
- Personality
- Life Span Development

ACCOUNTS

SECTION A

Partnership Accounts

A.Fundamentals of Partnership

B.Goodwill

C.Reconstitution of Partnership

I. Admission of a Partner

Joint Stock Company Accounts

A.Issue of Shares

D.Final Accounts of Companies

SECTION B

Ratio Analysis

COMMERCE

- Business Environment (Complete Unit)
- Financing (Complete Unit)
- Management
- Management: Meaning , objectives and characteristics of Management
- Nature of Management
- Importance of Management
- Principles of Management
- Functions of Management
- Planning

ECONOMICS

- 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 Mechanism : Equilibrium Price and Quantity in a Competitive Market
- Chapter 7. Law of Returns – Return to a factor and Return to a scale
- Chapter 8. Cost and Revenue Analysis
- Chapter 9. Forms of Market
- Chapter 10. Producer's Equilibrium

COMPUTER APPLICATIONS

- Chapter 1: Boolean Algebra
- Chapter 2: Computer Hardware
- Chapter 3 to Chapter 6: Java Fundamentals
- Chapter 7: Functions
- Chapter 8: Arrays and Strings
- Chapter 13: Simple Data Structures
- Chapter 14: Recursive Data Structures

HOME SCIENCE

- FOOD PREPARATION – UNIT 1(COMPLETE)
- MEAL PLANNING FOR THE FAMILY – UNIT 2 (COMPLETE)
- RESOURCE MANAGEMENT – UNIT 3 (COMPLETE)
- CONSUMER EDUCATION - UNIT 4 (COMPLETE)

NOTE: SYLLABUS INCLUDES NOTES PROVIDED FOR THE ABOVE MENTIONED UNITS ALSO THE PORTIONS MARKED IN TEXTBOOK.

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