

SYLLABUS 2024-25
Cls 12 – COMMERCE STREAM

ENGLISH I (Eng. Lang.)

UNIT TEST 1: Proposal Writing, Grammar

HALF YEARLY: Total English: Units 1 to 8

Composition, Report writing, Proposal Writing, Grammar, Comprehension

FINAL EXAMS: Total English: Units 9 to 15

Composition, Report Writing, Proposal Writing, Grammar, Comprehension

ENGLISH II (Eng. Lit.)

UNIT TEST 1: Prism – Atithi/ Guest, Rhapsody- Telephone Conversation

HALF YEARLY : Macbeth: Act III, Prism: 1. Atithi/ Guest 2. There Will Come Soft Rains 3. Indigo

Rhapsody : 1. Telephone Conversation 2. Tithonous

FINAL EXAMS : Macbeth: Acts IV, V

Prism : 1. The Cookie Lady 2. The Medicine Bag

Rhapsody: 1.Beethoven 2.Small town and the River 3. Death Be Not Proud

Note: The entire syllabus will be included in the Preliminary examinations.

COMMERCE

UNIT TEST I: Banking-Latest Trends, Marketing-Concept and Functions, Capital-Fixed and Working.

HALF YEARLY:

Business environment, Capital – Fixed and working, Sources of Finance for a Joint Stock Company, Banking – Latest Trends, Marketing- Concepts and Functions, Marketing – Mix, Consumer Protection, Management-Meaning, Nature and importance, Principles of Management, Functions of Management and Coordination.

FINAL TERM: Planning, Organising, Staffing, Directing, Controlling, Entire Syllabus of First term.

ACCOUNTS

UNIT TEST-1

(1) Accounting for Partnership Firm – Fundamentals.

(2) Goodwill : Concept and Valuation

FIRST TERM:

(1) Accounting for Partnership Firms – Fundamentals.

(2) Goodwill : Concept and Valuation (3) Admission of a Partner.

(4) Retirement of a Partner. (5) Death of a Partner.

(6) Dissolution of Partnership Firm.

SECOND TERM:

(1) Company Accounts – Issue of Shares

(2) Company Accounts – Issue of Debentures.

(3) Redemption of Debentures.

(4) Financial Statements of Companies.

(5) Financial Statement Analysis

(6) Tools for Financial Analysis – Comparative Statements.

(7) Common Size Statements.

(8) Cash Flow Statement.

(9) Ratio Analysis.

(10) Entire Syllabus of the first term.

ECONOMICS

UNIT Test-1:

Demand and Law of Demand, Theory of Consumer Behaviour.

HALY YEARLY:

Demand and Law of Demand, Theory of Consumer Behaviour: Marginal Utility and Indifference curve analysis, Elasticity of Demand, Supply- Law of supply and Elasticity of supply, Market Mechanism: Equilibrium Price and Quantity in a competitive / Market, Laws of Return – Returns to a factor / Returns to Scale, Cost and Revenue Analysis, Forms of Market, Producer's Equilibrium, Determination of Equilibrium Price and output under Perfect Competition.

FINAL TERM :

Theory of Income and Employment, Money Meaning and it's functions, Commercial and Central Bank, Balance of Payments and Exchange rate, Fiscal Policy, Government Budget, National Income and Circular Flow of Income, Entire Syllabus of the Term One

Mathematics

Unit Test I

Matrices, Determinants, Inverse Trigonometric function.

Half Yearly

Matrices, Determinants, Inverse Trigonometric function, Continuity and Differentiability, Application of derivatives, Integrals (Only indefinite)

Final Exam

Integrals (definite), Differential Equations, Relations and Functions, Probability

Section –B: Vectors, Three Dimensional Geometry, Application of Integrals.

Section-C: Application of Calculus in Commerce and economics, Linear regression, Linear Programming, Entire Half Yearly Syllabus

Computer Science

Unit Test-1 : Boolean Algebra, Inheritance, String Tokenizer, Recursive Functions.

Half Yearly: *Entire Class 11th Computer Syllabus*, Boolean Algebra, Propositional Logic, Well-Formed Formulae, Truth Table, Equivalence Laws, Computer Hardware (Logic Gates, Universal Gates, Circuits, Half Adder, Full Adder, Encoder, Decoder, Multiplexer, De-Multiplexer), Boolean expressions to sum of products and product of sums forms, Karnaugh Maps (up to four variables), SOP and POS representation, Maxterms & Minterms, Canonical and Cardinal representation, reduction using Karnaugh maps and Boolean algebra.

Java Access Specifiers, Visibility Modifiers, Scope & Visibility Rules, Inheritance, Interfaces and Polymorphism, super keyword, Array (1D & Multi-Dimension), Searching, Sorting Technique (Bubble, Selection, Insertion), Array Address Calculation, String, StringBuffer, Recursion, Conversion of Infix to Prefix and Postfix notations.

Prelims : *Entire Half Yearly syllabus*, Recursive Data Structure (Trees, BST), Data Structure, Stack, Queue, Singly Linked List (Conceptual and programming), Binary Trees, Tree Traversals (Conceptual), Exception Handling, Implementation of Algorithms, Computational Complexity, Big-O Notation, concept of input size, estimating complexity in terms of methods, dominant term, constants, best, average and worst case, Entire ISC Computer Science Syllabus.

PHYSICAL EDUCATION

Unit Test-1: Section 'A': Competitions and tournaments, Career aspect in physical education Section 'B' : Badminton

Half Yearly Exam:

Section 'A':

- 1- Sociological aspect of physical education
- 2- Training methods
- 3- Competitions and tournaments
- 4- Career aspect in physical education
- 5- Health education and health problems

Section 'B' :

- 1- Volleyball
- 2- Badminton

Final Exam:

- 6- Sports injuries and first aid
- 7- Badminton
- 8- Football

Full Syllabus of 1st Unit Test & Half Yearly Exam

Fashion Designing

Unit Test-1:

1. Introduction to textile
2. Textile fibres

First term:

(theory)

1. Introduction to textile
2. Textile fibres
3. Yarns
4. Fabric construction techniques
5. Textiles in India

(practical)

1. Fibre identification
2. Basic weaves
3. Fabric swatches
4. Macrame
5. Tie and dye

Term II:

(theory)

1. History of fashion in Europe: 1901-1950
2. History of fashion in Europe: 1961-till date
3. Traditional costumes of women in India
4. Traditional costumes of men in India

(practical)

1. Texture printing
2. Board making
3. Laundering and finishing of textile fabrics
4. Renovation and repair work

ARTS

FIRST UNIT

- Still Life: 1. Table clock, open book and pen stand
2. Chips packet ,Bowl and mug
3. Samosa, tomato ketchup and tissue paper.
- Nature: Carnation, Flux, Panzy, Sweet pea, Nasturtium, Poppy.

HALF YEARLY

- Still Life: 1. Kettle and Cup plate
2. Tiffin Box, Flower Pot and Water bottle
3. Cane basket with vegetables.
- Nature: Aster, Earthen Pot with Money Plant, Yellow Oleander, Pink Oleander.

FINAL TERM

- Still Life: Transparent Bowl with Fruits, Flask and Ladies Purse, bucket mug and brush.
- Nature: Papaya, Ginger, Dahlia, Bougainvillea, Petunia, Zinnia.

HINDI

UNIT Test-1:

- गद्य - 1 आउट साइडर
काव्य मंजरी - तुलसीदास के पद,
व्याकरण - महावरे, वाक्यों को शुद्ध करना

HALF YEARLY EXAM:

- आउट साइडर, दासी, संस्कृति क्या है?
काव्य मंजरी - नदी के द्वीप, तुलसीदास के पद, बादल को घिरते देखा है,
सारा आकाश - उपन्यास उत्तरार्ध - सुबह- अंक 1,2,3,4,5
व्याकरण - निबंध, कहानी, महावरे, वाक्यों को शुद्ध करना, अपठित गद्यांश

FINAL EXAM:

- गद्य - 1. क्या निराश हुआ जाए ?, मजबूरी
काव्य मंजरी - 1. जाग तुझको दूर जाना है 2. अंधेरे का दीपक
सारा आकाश उपन्यास उत्तरार्ध - सबुह - अंक - 6, 7,8,9,10
व्याकरण - निबंध, कहानी, महावरे, वाक्यों को शुद्ध करना, अपठित गद्यांश

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PHYSICS

UNIT TEST – 1 :

Electrostatics, Electric charges and fields, Gauss' theorem, Electric potential

Half Yearly:

Electrostatics- Capacitors and dielectrics, Current electricity, Magnetic effects of current and magnetism, Electromagnetic induction and alternating currents, Electromagnetic waves.

FINAL TERM:

Entire 1st term syllabus, Optics, Dual nature of radiation and matter, Atoms and nuclei, Electronic devices, Communication Systems.

CHEMISTRY

UNIT 1: Haloalkanes & Haloarenes, Solutions

HALF YEARLY: Solutions, Electrochemistry, Coordination Compounds, Haloalkanes & Haloarenes, Alcohols, Phenols and Ethers, Biomolecules, Practical Chemistry

PRELIMS: Chemical Kinetics, The d and f-block Elements, Aldehydes, ketones and Carboxylic Acids, Organic compounds containing Nitrogen, p -Block Elements, Surface Chemistry, Solid State, Polymers, General Principles and Processes of Isolation of Elements, Chemistry in Everyday Life, Practical Chemistry, Entire Half Yearly Syllabus.

BIOLOGY

UNIT Test-1: Reproduction in Organisms, Sexual reproduction in flowering plants Human Reproduction, Reproductive Health

HALF YEARLY: Reproduction in Organisms, Sexual reproduction in flowering plants Human Reproduction, Reproductive Health, Principles of Inheritance and Variation Molecular Basis of Inheritance, Origin of life, Evidences and Theories of Biological Evolution, Human Health and Diseases, Strategies for Enhancement in Food Production, Microbes in Human Welfare, Bio-Practicals

PRELIMS: Principles and Processes of Biotechnology, Biotechnology and its applications, Organisms and Populations, Ecosystem, Biodiversity and its conservation Environmental issues, Entire Half Yearly Syllabus. Bio-Practicals

Mathematics

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Half Yearly: Matrices, Determinants, Inverse Trigonometric function.

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Final Exam: Integrals (definite), Differential Equations, Relations and Functions,

Probability Section –B: Vectors, Three Dimensional Geometry, Application of Integrals. Section-C: Application of Calculus in Commerce and economics, Linear regression, Linear Programming, Entire Half Yearly Syllabus

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PHYSICAL EDUCATION

Unit Test-1:

Section 'A'

- 1- Competitions and tournaments
- 2- Career aspect in physical education

Section 'B': Badminton

Half Yearly Exam:

Section 'A':

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- 2- Training methods
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- 5- Health education and health problems

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Final Exam:

- 6- Sports injuries and first aid
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Full Syllabus of 1st Unit Test & Half Yearly Exam

Fashion Designing

Unit Test-1: Introduction to textile, Textile fibres

First term: (theory) Introduction to textile, Textile fibres, Yarns, Fabric construction techniques, Textiles in India

(practical) Fibre identification, Basic weaves, Fabric swatches, Macrame, Tie and dye

Term II: (theory)

1. History of fashion in Europe: 1901-1950
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3. Traditional costumes of women in India
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(practical)

1. Texture printing
2. Board making
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4. Renovation and repair work

ARTS

FIRST UNIT

Still Life: 1. Table clock, open book and pen stand
2. Chips packet, Bowl and mug
3. Samosa, tomato ketchup and tissue paper.

Nature: Carnation, Flux, Pansy, Sweet pea, Nasturtium, Poppy.

HALF YEARLY

Still Life: 1. Kettle and Cup plate
2. Tiffin Box, Flower Pot and Water bottle
3. Cane basket with vegetables.

Nature: Aster, Earthen Pot with Money Plant, Yellow Oleander, Pink Oleander.

FINAL TERM

Still Life: Transparent Bowl with Fruits, Flask and Ladies Purse, bucket mug and brush.

Nature: Papaya, Ginger, Dahlia, Bougainvillea, Petunia, Zinnia.

HINDI

UNIT Test-1:

गद्य-1 आउटसाइडर

काव्यमंजरी- तुलसीदासकेपद,

व्याकरण - महावरे, वाक्योंको शुद्धकरना

HALF YEARLY EXAM:

आउटसाइडर, दासी, संस्कृतिक्याहै?

काव्यमंजरी- नदीकेद्वीप, तुलसीदासकेपद, बादलको घिरते देखाहै,

साराआकाश- उपन्यासउत्तरार्ध - सुबह- अंक 1,2,3,4,5

व्याकरण-निबंध, कहानी, महावरे, वाक्योंकोशुद्धकरना, अपठितगद्यांश

FINAL EXAM:

गद्य-1. क्या निराश हुआ जाए ?, मजबूरी

काव्यमंजरी - 1. जागृतज्ञको दूर जाना है 2. अंधेरे का दीपक

साराआकाश उपन्यास

उत्तरार्ध- सुबह - अंक - 6, 7, 8, 9, 10

व्याकरण- निबंध, कहानी, महावरे, वाक्योंकोशुद्धकरना, अपठितगद्यांश