

SMCK SYLLABUS 2024-25
Cls 11 – COMMERCE STREAM

ENGLISH - I (Eng. Lang.)

UNIT TEST 1 : Article Writing, Grammar

HALF YEARLY: Total English : Units 1 to 8

Composition, Report writing, Proposal Writing, Grammar, Comprehension

UNIT TEST 2: Proposal Writing, Grammar

FINAL EXAMS : Total English: Units 9 to 15

Composition, Report Writing, Proposal Writing, Grammar, Comprehension

ENGLISH - II (Eng. Lit.)

UNIT TEST 1: Prism - A Living God, Rhapsody – Abhisara: The Tryst

HALF YEARLY : Macbeth : Act I, Prism: A Living God, Advice to Youth, The Paper Menagerie, Rhapsody:Abhisara: The Tryst,Why I like the Hospital

UNIT TEST 2: Prism : Thank you, Ma'am Rhapsody: Sonnet 116

FINAL EXAMS : Macbeth: Act II, Prism: The Great Automatic Grammatizator, Thank you, Ma'am, Rhapsody:Sonnet 116, Death of a Naturalist, Strange Meeting

COMMERCE

UNIT TEST I:Classification of Human – Activities, Nature and objectives of Business, Classification of Business Activities, Sole – Trader.

HALF YEARLY :Classification of Human –Activities, Nature and objectives of Business Classification of Business Activities, Sole – Trader, Partnership, Joint Stock Company,Types of Companies, Formation of a Company, Public Enterprises,Cooperative organizations, Social Responsibility of Business.

UNIT TEST II :ExportProcedure, Wholesale Trade, Retail Trade.

FINAL EXAMS:E- Business and outsourcing, Stock Exchange, Wholesale Trade, Retail Trade,Procedure and Documents Used in Home Trade, Chambers of Commerce and Industry, Nature and scope of Foreign Trade, Export Trade, Import Trade, World Trade organization, Business Risk and Insurance, Types of Insurance,Entire Syllabus of the First-term.

ACCOUNTS

UNIT TEST-1:Double Entry System, Books of Original Entry - Journal

FIRST TERM:Basic Accounting Terms, Accounting Equations, Meaning and Objectives of Accounting, Double Entry System, Books of Original Entry – Journal, Cash Book, Special Purpose Subsidiary Books, Accounting for Goods and Service Tax (GST), Ledger, Trial Balance, Bills of Exchange.

UNIT TEST-2: Depreciation,Bills of Exchange, Bases of Accounting.

SECOND TERM:Depreciation, Generally Accepted Accounting Principles, Bases of Accounting, Accounting Standards and International Financial Reporting Standards (IFRS), Capital and Revenue, Provisions and Reserves, Final Accounts, Final Accounts-with adjustments, Errors and their Rectification, Accounts of Not-for-Profit Organisations, EntireSyllabus of the first term.

ECONOMICS

UNIT Test-1: Definition of Economics, Basic Concepts of Economics

TERM-I: Definition of Economics, Basic concepts of Economics, Basic Problems of Economics, Types of Economies, Solutions to the Basic Economic problems under Different Economic System, Economic Growth and Development, Parameters of Development, Sustainable Development.

UNIT Test-2: Indian Economy Post Liberalization, Structural Changes in the Indian Economy after Liberalization.

TERM - II: Planning and Economic Development in India, Indian Economy Post Liberalization, Structural Changes in the Indian Economy after Liberalization, The Problem of Poverty in India, Profile of Indian Agriculture Rural Development, Human Capital Formation in India. Unemployment in India, Statistics. Entire Syllabus of the Term One

Mathematics

Unit Test I: Quadratic Equations, Linear inequalities, Sets

Half Yearly Exam

Quadratic Equations, Linear inequalities, Sets, Trigonometry, Relations and Functions
Finite and Infinite Sequences, Complex Numbers, Permutations and Combinations, Statistics.

Unit Test II : Binomial Theorem, Sequences and series, straight lines

Final Exam: Binomial Theorem, Sequences and series, straight lines, Limits and Derivatives, Circles, Probability. SECTION –B: Conic Section, Introduction to Three- Dimensional geometry. SECTION – C: Statistics, Correlation, Analysis, Indian Number and moving averages, Entire Half Yearly Syllabus.

Computer Science

Unit Test-1 : Basic Computer Hardware and Software, Encodings Binary encodings for integers and real numbers using a finite number of bits (sign-magnitude, 2's complement, mantissa-exponent notation), Characters and their encodings.

Half Yearly : Unit Test-1 Syllabus, 3. Propositional logic, Hardware implementation, Arithmetic operations, Well-Formed Formulae, Truth Table, Truth values, Logic & Hardware, Logical Gates, Universal Gates, Maxterms & Minterms, Canonical and Cardinal representation, Boolean expressions to Sum of Products and Product of Sums forms, SOP and POS representation.

Entire ICSE Computer Syllabus, JVM, JRE, IDE, Translators, Primitive data Types, Casting, Variable, Expressions, Statements, Control Structure and Scope, Basic Input/ Output, Strings, String Buffer, Application of String class functions, Functions, Arrays(1D & 2D), 1D & 2D Array as an Instance Variable, User Defined Class, Objects, this keyword, Constructor, Instance variable & Methods, Class (static) variable & Methods, Wrapper Class & its functions, OOPs Concept, Types of Error, Compile-time and Run-time errors, scope and visibility of variables Changing types through user defined casting and automatic type coercion or casting for some primitive types.

Unit Test-2 : String Tokenizer, Recursion, Recursive Functions.

Final Exam : Entire Term 1 Syllabus, String Tokenizer, Recursion, Recursive Functions, Scanner & Printer Class, Data File Handling (Binary and Text file operations – Creation, Reading, Writing, Appending and Searching), Operation on Files, Types of Error, basic concept of an exception, the Exception class, try-catch,

throw, throws and finally, Exception Handling, Packages, Implementation of Algorithms.

PHYSICAL EDUCATION

Unit Test-1: Volleyball Football

Half Yearly Exam: Section 'A': Concept of physical education, Individual aspect and group dynamics, Effect of physical exercise on human body systems
Section 'B': Volleyball, Badminton, Football

Unit Test-2: Section A: Nutrition Weight control and Exercise, Physical fitness and wellness, Games and sports - a global perspective.

Final Exam: Section 'A' and 'B' Full Syllabus

Fashion Designing

First Unit Test: Introduction to Fashion, Design

First term : (theory) Introduction to Fashion, Design, Wardrobe planning
(practical) Creative use of various types of decoration, Cutting and finishing techniques, Basic illustration.

Second Unit Test: Wardrobe planning, designers

Second term: (theory) Designers, Care of clothes
(practical) Taking body measurements, Accessory making

ARTS

UNIT TEST-1:

Still Life: 3D Shapes and Shade, Books and pen stand, Money plant pot and kite
Nature: Carnation, Falx, Lilly, Croton.

HALF YEARLY EXAM:

Still Life: Ladies Purse, umbrella and Goggles. kettle and Cup plate, Tiffin Box, Flower Pot and Water bottle.

Nature: Money Plant, Rose, Pink Oleander, Yellow Oleander.

UNIT TEST 2:

Still Life: Apple, Books and Glass, Transparent Bowl with Fruits,

Nature: Papaya, Pineapple, Dahlia.

FINAL EXAM:

Still Life: Flask and Ladies Purse, bucket mug and brush, Vegetables basket.

Nature: Bougainvillea, Petunia, Zinnia.

HINDI

UNIT TEST – 1: गद्य - पुत्रप्रेम, गौरी, काव्यमंजरी- साखी, व्याकरण –मुहावरे, वाक्योंकोशुद्धकरना

HALF YEARLY EXAM: गद्य -पुत्रप्रेम, गौरी, भक्तिन काव्यमंजरी- साखी, सूरदास, उद्यमीनर
साराआकाश- उपन्यास,पूर्वाधिसांझअंक(1, 2, 3, 4, 5) व्याकरण – निबंध, कहानी, मुहावरे,
वाक्योंकोशुद्धकरना, अपठितगद्यांश

UNIT TEST – 2: गद्य- शरणागत, काव्यमंजरी - एकफूलकीचाह,

व्याकरण- मुहावरे, वाक्योंकोशुद्धकरना

FINAL EXAM: गद्य- शरणागत,सती, काव्यमंजरी - एकफूलकीचाह, आ: धरतीकितनादेतीहै

साराआकाश – उपन्यास, पूर्वाधिसांझअंक 1 to 10,

व्याकरण- निबंध, कहानी, मुहावरे, वाक्योंकोशुद्धकरना, अपठितगद्यांश, संपूर्ण पाठ्यक्रम (Term 1,Term 2)

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Cls 11 – SCIENCE STREAM

ENGLISH - I (Eng. Lang.)

UNIT TEST 1 : Article Writing, Grammar

HALF YEARLY: Total English : Units 1 to 8, Composition, Report writing, Proposal Writing, Grammar, Comprehension

UNIT TEST 2: Proposal Writing, Grammar

FINAL EXAMS : Total English: Units 9 to 15, Composition, Report Writing, Proposal Writing, Grammar, Comprehension

ENGLISH - II (Eng. Lit.)

UNIT TEST 1: Prism - A Living God, Rhapsody – Abhisara: The Tryst

HALF YEARLY : Macbeth : Act I, Prism: 1. A Living God 2. Advice to Youth
3. The Paper Menagerie, Rhapsody: 1 Abhisara: The Tryst 2 Why I like the Hospital

UNIT TEST 2: Prism : Thank you, Ma'am Rhapsody: Sonnet 116

FINAL EXAMS: Macbeth: Act II, Prism: 1. The Great Automatic Grammatizator
2. Thank you, Ma'am Rhapsody: Sonnet 116, Death of a Naturalist, Strange Meeting

PHYSICS

UNIT TEST – 1 : units and measurements, dimensional analysis

HALF YEARLY: Kinematics, Laws of motion, Work Energy and power, Motion of system of particles and rigid body, Gravitation

UNIT TEST – 2 : Properties of Bulk matter

FINAL TERM: Entire term I syllabus, Heat and Thermodynamics, behaviour of Perfect gases and kinetic Theory of gases, Oscillations and waves.

CHEMISTRY

UNIT 1: Classification of elements and Periodicity in Properties, Organic Chemistry-Nomenclature

HALF YEARLY: Some Basic concepts of chemistry, Structure of Atom, Classification of Elements and periodicity and properties, Chemical Bonding and Molecular Structure, Organic Chemistry – Nomenclature, Redox Reactions, Hydrocarbons-Alkanes, Practicals

UNIT 2: Organic Chemistry Nomenclature, Hydrocarbons- Alkenes, Alkynes and Arenes

FINAL TERM: States of Matter, Chemical Thermodynamics, Equilibrium, s-block Elements, p-block Elements, Hydrogen, Complete Organic Chemistry, Hydrocarbons-Alkenes, Alkynes and Arenes, Environmental Chemistry, Practicals, Entire First Term Syllabus

BIOLOGY

UNIT Test-1: Living World, Biological Classification

HALF YEARLY: Living World, Biological Classification, Plant Kingdom, Animal Kingdom, Morphology of Flowering Plants, Anatomy of Flowering Plants, Structural Organisation In Animals, Cell: The Unit of Life, Biomolecules, Cell Cycle and Cell Division, Bio-Practicals

UNIT Test-2: Transport in Plants, Mineral Nutrition, Photosynthesis in Higher Plants, Respiration in Plants, Plant Growth and Development

FINAL TERM: Transport in Plants, Mineral Nutrition, Photosynthesis in Higher Plants, Respiration in Plants, Plant Growth and Development, Digestion and Absorption, Breathing and Exchange of Gases, Body Fluids and Circulation, Excretory Products and Their Elimination, Locomotion and Movement,

Mathematics

Unit Test I: Quadratic Equations, Linear inequalities, Sets

Half Yearly Exam: Quadratic Equations, Linear inequalities, Sets, Trigonometry, Finite and Infinite Sequences, Relations and Functions
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Final Exam: Binomial Theorem, Sequences and series, straight lines, Limits and Derivatives, Circles, Probability. SECTION –B: Conic Section, Introduction to Three-Dimensional geometry. SECTION – C: Statistics, Correlation, Analysis, Indian Number and moving averages, Entire Half Yearly Syllabus

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Entire ICSE Computer Syllabus, JVM, JRE, IDE, Translators, Primitive data Types, Casting, Variable, Expressions, Statements, Control Structure and Scope, Basic Input/ Output, Strings, String Buffer, Application of String class functions, Functions, Arrays(1D & **2D**), 1D & 2D Array as an Instance Variable, User Defined Class, Objects, this keyword, Constructor, Instance variable & Methods, Class (static) variable & Methods, Wrapper Class & its functions, OOPs Concept, Types of Error, Compile-time and Run-time errors, scope and visibility of variables Changing types through user defined casting and automatic type coercion or casting for some primitive types.

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Final Exam : Entire Term 1 Syllabus, String Tokenizer, Recursion, Recursive Functions, Scanner & Printer Class, Data File Handling (Binary and Text file operations – Creation, Reading, Writing, Appending and Searching), Operation on Files, Types of Error, basic concept of an exception, the Exception class, try-catch, throw, throws and finally, Exception Handling, Packages, Implementation of Algorithms.

PHYSICAL EDUCATION

Unit Test-1: Volleyball Football

Half Yearly Exam: Section 'A' : Concept of physical education, Individual aspect and group dynamics, Effect of physical exercise on human body systems
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Final Exam: Section 'A' and 'B' Full Syllabus

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(practical) Taking body measurements, Accessory making

ARTS

UNIT TEST-1:

Still Life: 3D Shapes and Shade, Books and pen stand, Money plant pot and kite

Nature: Carnation, Falx, Lilly, Croton.

HALF YEARLY EXAM:

Still Life: Ladies Purse, umbrella and Goggles. kettle and Cup plate, Tiffin Box, Flower Pot and Water bottle.

Nature: Money Plant, Rose, Pink Oleander, Yellow Oleander.

UNIT TEST 2:

Still Life: Apple, Books and Glass, Transparent Bowl with Fruits,

Nature: Papaya, Pineapple, Dahlia.

FINAL EXAM:

Still Life: Flask and Ladies Purse, bucket mug and brush, Vegetables basket.

Nature: Bougainvillea, Petunia, Zinnia.

HINDI

UNIT TEST – 1:

गद्य - पुत्र प्रेम, गौरी, काव्य मंजरी - साखी, व्याकरण – मुहावरे, वाक्यों को शुद्ध करना

HALF YEARLY EXAM:

गद्य - पुत्र प्रेम, गौरी, भक्तिन, काव्य मंजरी - साखी, सूरदास, उद्यमी नर,

सारा आकाश - उपन्यास, पूर्वाध सांझ अंक (1, 2, 3, 4, 5)

व्याकरण – निबंध, कहानी, मुहावरे, वाक्यों को शुद्ध करना, अपठित गद्यांश

UNIT TEST – 2:

गद्य - शरणागत, काव्य मंजरी - एक फूल की चाह, व्याकरण - मुहावरे, वाक्यों को शुद्ध करना

FINAL EXAM:

गद्य - शरणागत, सती

काव्य मंजरी - एक फूल की चाह, आ: धरती कितना देती है

सारा आकाश – उपन्यास, पूर्वाध सांझ अंक 1 to 10

व्याकरण - निबंध, कहानी, मुहावरे, वाक्यों को शुद्ध करना, अपठित गद्यांश

संपूर्ण पाठ्यक्रम (Term 1, Term 2)