INDIAN SCHOOL SALALAH
ACADEMIC YEAR 2023 - 24
MONTHLY SYLLABUS OF CLASS XI

	ENGLISH	MATHEMATICS	PHYSICS	CHEMISTRY	BIOLOGY	INFORMATICS PRACTICES	COMPUTER SCIENCE	PE
APRIL	The Portrait of a Lady A Photograph Note-making	Sets, Relation & Functions;	Chapter–2: Units and Measurements: Chapter–3: Motion in a Straight Line:	Chapter -1 Some Basic Concepts of Chemistry Chapter-2 Structure of atom	* CHEMICAL COORDINATION AN * NEURAL CONTROL AND COORD	Introduction to Computer System Software: Introduction and benefits of Python Programming, Data types, variables, keywords, identifier	Familiarization with the basics of Python programming: Knowledge of data types Operators	Unit. 1 Changing Trends & Career in Physical Education Unit. II Olympism
MAY	The Summer of the Beautiful White Horse We're Not Afraid to Die… if We Can All Be Together The Address	Relation & Functions; Trigonometric Functions; Complex Numbers	Chapter - 4: Motion in a Plane: Chapter–5: Laws of Motion:	Chapter-2 Structure of atom Chapter- 3 Classification of Elements and Periodicity in Properties	* NEURAL CONTROL AND COORD * LOCOMOTION AND MOVEMENT * EXCRETORY PRODUCTS AND TH * BODY FLUIDS AND CIRCULATIO	Operators, Assignment statement Conditional statements Simple programs with conditional statement, Iterative statements FOR LOOP and WHILE LOOP Programs based on iterative statements Programs based on iterative statements with conditional statement	Expressions, statement, type conversion & input/output: precedence of operators, expression Evaluation of expression Flow of control: simple programs: Programs using conditional statement	Unit II Olympism
JUNE	Discovering Tut: the Saga Cor	Complex Numbers	Chapter–6: Work, Energy and Power:	Chapter-7 redox reactions	* BREATHING AND EXCHANGE O	Lists: list operations - creating, initializing, traversing and manipulating lists,	Iterative statements: for loop, range function, while loop, flowcharts, break and continue statements, nested loops,	Unit III Yoga
AUGUST	The Laburnum Top Mother's Day The Voice of the Rain Speech Classified Advertisement Reading Comprehension	Linear Inequalities; Permutations and Combinations	Chapter–6: Work, Energy and Power (Conti..) Chapter–7: System of Particles and Rotational Motion: Chapter–8: Gravitation	Chapter- 4 Chemical bonding and molecular structure	* PLANT GROWTH AND DEVELOPMENT * RESPIRATION IN PLANTS * PHOTOSYNTHESIS IN HIGHER PLANTS	Built in functions. LIST continue… Dictionary: dictionary methods and built-in functions: len(), dict(),keys(), values(), items(), get(), update(), clear(), del() Revision of LIST and DICTIONARY	Strings: built-in functions: Programs in String	**Unit. V Physical Fitness, Health and Wellness Unit. IV Physical Education & Sports for CWSN**
SEPTEMBER	Childhood Assessment of Speaking and I	Binomial Theorem	Chapter–8: Gravitation (Conti..)	Chapter- 4 Chemical bonding and molecular structure(continued...)	* PHOTOSYNTHESIS IN HIGHER P * BIOMOLECULES	Revision Practical Questions Practical Questions	Basic Computer Organisation: Types of software: s system, OS user interface	**Unit. IV Physical Education & Sports for CWSN (continued)**
OCTOBER	The Adventure Birth Silk Road Grammar Practice	Sequence and Series; Straight Lines	Chapter–9: Mechanical Properties of Solids Chapter–10: Mechanical Properties of Fluids Chapter–11: Thermal Properties of Matter	Chapter- 8 Organic chemistry - Some basic principles and techniques	* CELL CYCLE AND CELL DIVISION * CELL: THE UNIT OF LIFE	Data Management: DDL commands DDL commands Data Query Commands-SELECT-FROM-WHERE, LIKE, between	Boolean logic: NOT, AND, OR, NAND, NOR, XOR, truth table etc Lists: Tuples: built-in functions: len(), tuple(), count(), index(), sorted(), min(), max(), sum();	**Unit VI Test, Measurement & Evaluation Unit. VII Fundamentals of Anatomy, Physiology in Sports**

NOVEMBER	Father to Son The Tale of Melon City Debate Reading Comprehension	Conic Sections; Three-dimensional Geometry; Statistics	Chapter–11: Thermal Properties of Matter (Conti..) Chapter–12: Thermodynamics: Chapter–13: Kinetic Theory	Chapter 9-Hydrocarbons	* STRUCTURAL ORGANISATION IN ANIMALS * MORPHOLOGY OF FLOWERING PLANTS	Data Query Commands-SELECT-FROM-BETWEEN, IN, NULL and NOT NULL PRACTICE OF -SELECT-FROM-WHERE, LIKE, BETWEEN, IN, ORDER BY Artificial Intelligence,	Programs in tuple Dictionary: built-in functions: Programs in dictionary	Unit. VIII Fundamentals of Kinesiology and Biomechanics in Sports Unit. IX Psychology & Sports
DECEMBER		Statistics; Probability	Chapter–13: Kinetic Theory (Conti..) Chapter–14: Oscillations	Chapter -7 Equilibrium Chapter- 6 Thermodynamics	* ANIMAL KINGDOM * PLANT KINGDOM * BIOLOGICAL CLASSIFICATION	Robotics, Big data and its characteristics, Internet of Things (IoT), Sensors, Smart cities, Cloud Computing Cloud Services (SaaS, IaaS, PaaS); Grid Computing, Block chain technology.	Introduction to Python modules Digital Footprints, Digital society and Netizen: net etiquettes, communication etiquettes, social media etiquettes, Data protection:	Unit. IX Psychology & Sports
JANUARY		Limits and Derivatives	Chapter–14: Oscillations(Conti..) Chapter–15: Waves			Practicals Revision	Intellectual Property Right (copyright, patent, trademark), violation of IPR (plagiarism, copyright infringement, trademark infringement), open source softwares and licensing (Creative Commons, GPL and Apache) Cyber safety: safely browsing the web, identity protection,	
FEBRUARY								

	ENGLISH	MATHEMATICS	BST	SOCIOLOGY	ENT	ACC	ECO	INFORMATICS PRACTICES	PE
APRIL	The Portrait of a Lady A Photograph Note-making	Sets, Relation & Functions;	Unit 1: Nature and Purpose of Business	Sociology and society	Unit 1: Entrepreneurship	PART I: Chapter 1: Introduction to Accounting: Meaning, Definition, Features, Objectives and Limitations of Accounting. Basic Terms in Accounting	Introduction -Statistics, Collection of Data	Introduction to Computer System Software: Introduction and benefits of Python Programming, Data types, variables, keywords, identifier	Unit. 1 Changing Trends & Career in Physical Education Unit. II Olympism
MAY	The Summer of the Beautiful White Horse We're Not Afraid to Die… if We Can All Be Together The Address	Relation & Functions; Trigonometric Functions; Complex Numbers	Unit 2: Forms of Business Organisations	Terms ,concepts and their use in Sociology.	Unit 2: An Entrepreneur	Chapter 2: Theory Base of Accounting: Generally Accepted Accounting Principles, Accounting Principles and Concepts. Accounting Principles and Concepts (Continuation), Systems of Accounting, Basis of Accounting, Accounting Standards.	Statistics- Organisation of Data, Presentation of Data , Introduction- Micro Economics, Cosumer Equilibrium and Demand	Operators, Assignment statement Conditional statements Simple programs with conditional statement, Iterative statements FOR LOOP and WHILE LOOP Programs based on iterative statements Programs based on iterative statements with conditional statement	Unit II Olympism
JUNE	Discovering Tut: the Saga Co	Complex Numbers	Unit 3: Public, Private and Global Enterprises		Unit 3: Entrepreneurship Journey	Chapter 3 and 4: Recording of Transactions I and II: Journal, Ledger, Cashbook, Purchase Book, Sales Book etc.	Micro Economics- Cosumer Equilibrium and Demand ,	Lists: list operations - creating, initializing, traversing and manipulating lists,	Unit III Yoga
AUGUST	The Laburnum Top Mother's Day The Voice of the Rain Speech Classified Advertisement Reading Comprehension	Linear Inequalities; Permutations and Combinations	Unit 4: Business Services, Unit 5: Emerging Modes of Business	**Understanding social institutions**	Unit 4: Entrepreneurship as Innovation and Problem Solving	Chapter 3 and 4: Recording of Transactions I and II: Journal, Ledger, Cashbook, Purchase Book, Sales Book etc. (Continuation) Chapter 5: Bank Reconciliation Statement: Meaning, Preparation of BRS when bank balance as per cashbook is given and bank balance as per Pass Book is given.	Micro Economics- Cosumer Equilibrium and Demand , Statistics- Measures of Central Tendency , Measures of Dispersion	Built in functions. LIST continue… Dictionary: dictionary methods and built-in functions: len(), dict(),keys(), values(), items(), get(), update(), clear(), del() Revision of LIST and DICTIONARY	**Unit. V Physical Fitness, Health and Wellness Unit. IV Physical Education & Sports for CWSN**
SEPTEMBER	Childhood Assessment of Speaking and I	Binomial Theorem	Unit 6: Social Responsibility of Business and Business Ethics, Unit 7: Sources of Business Finance	Culture and socialisation.	Unit 5: Understanding the Market	Chapter 6 : Trial Balance and Rectification of Errors: Types of errors and Rectification of errors.	Statistics- Measures of Dispersion	Revision Practical Questions Practical Questions	**Unit. IV Physical Education & Sports for CWSN (continued)**
OCTOBER	The Adventure Birth Silk Road Grammar Practice	Sequence and Series; Straight Lines	**Unit 7: Sources of Business Finance, Unit 8: Small Business**	Social changes and social order in rural and urban societt.	Unit 6: Business Finance and Arithmetic	Chapter 7: Depreciation, Provisions and Reserves: Meaning, Factors, Methods, Preparation of various Accounts when depreciation is charged to Asset a/c and Provision for depreciation a/c. Chapter 8: Bill of Exchange: Meaning, Parties involved and Journalising the transaction under different situations.	**Producer's behaviour and supply**	Data Management: DDL commands DDL commands Data Query Commands-SELECT-FROM- WHERE, LIKE, between	**Unit VI Test, Measurement & Evaluation Unit. VII Fundamentals of Anatomy, Physiology in Sports**
NOVEMBER	Father to Son The Tale of Melon City Debate Reading Comprehension	Conic Sections; Three-dimensional Geometry; Statistics	Unit 9: Internal Trade,	Introducing western Sociologists.	Unit 7: Resource Mobilization	Chapter 8: Bill of Exchange: Meaning, Parties involved and Journalising the transaction under different situations. Part II: Chapter 9: Financial Statements of Sole Proprietorship; Trading Account, Profit and Loss a/c and its preparation and Balance Sheet without adjustments and with adjustments.	Forms of market and price determination under perfect competition with simple applications	Data Query Commands-SELECT-FROM- BETWEEN, IN, NULL and NOT NULL PRACTICE OF -SELECT-FROM- WHERE, LIKE, BETWEEN, IN, ORDER BY Artificial Intelligence,	Unit. VIII Fundamentals of Kinesiology and Biomechanics in Sports Unit. IX Psychology & Sports
DECEMBER		Statistics; Probability	Unit 10 International Business	Indian Sociologists	Unit 7: Resource Mobilization	Part II: Chapter 9: Financial Statements of Sole Proprietorship; Trading Account, Profit and Loss a/c and its preparation and Balance Sheet without adjustments and with adjustments.	Correlation, Index Numbers, Non-Competitive Markets	Robotics, Big data and its characteristics, Internet of Things (IoT), Sensors, Smart cities, Cloud Computing Cloud Services (SaaS, IaaS, PaaS); Grid Computing, Block chain technology.	Unit. IX Psychology & Sports
JANUARY		Limits and Derivatives				Financial Statements (Continuation) Chapter 10: Accounting from Incomplete Records. Revision Final examination		Practicals Revision	
FEBRUARY									
MARCH									