			GREENFINGERS GLOBAL SCHOOL, KHARGHAR		
			SYLLABUS REPORT FOR THE ACADEMIC YEAR 2023-24		
			SUBJECT: ENGLISH GRADE: XI		
MONTH	**HORNBILLL/ SNAPSHOT**	**L. NO**	**LESSON NAME**	**NO.OF PERIODS**	**PROJECT/ ACTIVITY**
JUNE	HORNBILL	1	The Portrait of A Lady	4	Note making from any Newspaper article
		1	A Photograph (Poem)	2	
	SNAPSHOT	1	The Summer of the Beautiful White Horse	4	
	WRITING		Short Composition: Notices & Note Making	3	
JULY	HORNBILL	2	We're Afraid To Die...... If We Can All Be Together	4	Extensive Reading(Books on Adventurous Travels) Audio recordings for promoting listening skills.
		2	The Laburnum Top (Poem)	2	
	SNAPSHOT	1	The Address	4	
	WRITING		LETTER WRITING FORMAL	3	
AUG	HORNBILL	3	Discovering Tut :The Saga Continues	5	Travelogues
		3	The voice of the Rain (Poem)	2	
	SNAPSHOT	5	Mother's Day	4	
	WRITING		LETTER TO EDITOR	2	
SEPT.	HORNBILL	7	Birth	4	Dramatization of the Novel (Group activity for children to show case their acting talent)
		4	Childhood (Poem)	2	
	WRITING		2) Error Correction & Re- Orderingof Sentences	3	
			ASL PROJECT		
NOV	HORNBILL	8	Silk Road (Poem)	3	FLIPCLASS/ART INTERGATED PROJECT:POSTER MAKING
	SNAPSHOT	7	The Adventure	4	
	WRITING		Poster Designing	1	
			REORT WRITING /ARTICLE WRITING	4	
DEC	HORNBILL	5	Father to Son (Poem)	2	Debates, Group Discussion etc.
			ASL PROJECT		
JAN	SNAPSHOT	8	The Tale of Melon City	4	Discussion on Origin of Cities
	ASL				

GREENFINGERS GLOBAL SCHOOL,KHARGHAR				
SYLLABUS REPORT FOR THE ACADEMIC YEAR 2023-24(GRADE XI)				
SUBJECT:PHYSICS(042)				
Month	Unit	Periods	Topic	Practical
June	I.(Physical World and Measurement)	20	**Physical world:**Physics-scope and excitement; nature of physical laws; Physics, technology and society.	1. To measure diameter of a small spherical/cylindrical body and to measure internal diameter and depth of a given beaker/calorimeter using Vernier Callipers and hence find its volume.
			Units and measurement: Need for measurement: Units of measurement; systems of units; SI units, fundamental and derived units. Length, mass and time measurements; accuracy and precision of measuring instruments; errors in measurement; significant figures.Dimensions of physical quantities, dimensional analysis and its applications.	2. To measure diameter of a given wire and thickness of a given sheet using screw gauge. Activity:To make a paper scale of given least count
July	II.(Kinematics)	24	**Motion in a straight line:**Frame of reference, Motion in a straight line: Position-time graph, speed and velocity.

Elementary concepts of differentiation and integration for describing motion, uniform and non- uniform motion, average speed and instantaneous velocity, uniformly accelerated motion, velocity - time and position-time graphs. | 3.To determine volume of an irregular lamina using screw gauge. **Activity:**To plot a graph of given data |
| | | | **Motion in a plane:**Scalar and vector quantities; position and displacement vectors, general vectors and their notations; equality of vectors, multiplication of vectors by a real number; addition and subtraction of vectors, relative velocity, Unit vector; resolution of a vector in a plane, rectangular components, Scalar and Vector product of vectors.

Motion in a plane, cases of uniform velocity and uniform acceleration-projectile motion, uniform circular motion. | 4.To determine radius of curvature of a given spherical surface by a spherometer   5.To determine the mass of two different objects using a beam balance |
| | III. (Laws of Motion) | | **Laws of motion:**ntuitive concept of force, Inertia, Newton's first law of motion; momentum and Newton's second law of motion; impulse; Newton's third law of motion.

Law of conservation of linear momentum and its applications.

Equilibrium of concurrent forces, Static and kinetic friction, laws of friction, rolling friction, lubrication.

Dynamics of uniform circular motion: Centripetal force, examples of circular motion (vehicle on a level circular | 6.To study the relationship between force of limiting friction and normal reaction and to find the coefficient of friction between block and horizontl surface |
| | IV (Work, Energy and Power) | | Work ,energy and power:Work done by a constant force and a variable force; kinetic energy, work-energy theorem, power.

Notion of potential energy, potential energy of a spring, conservative forces: conservation of mechanical energy (kinetic and potential energies); non-conservative forces: motion in a vertical circle; elastic and inelastic collisions in one and two dimensions. | 7.Using a simple pendulum, plot L-T and L-T2 graphs. Hence find the effective length of second's pendulum using appropriate graph. |
| August | V.Motion of System of Particles and Rigid Body | 18 | **System of particles and rotational motion:**Centre of mass of a two-particle system, momentum conservation and centre of mass motion. Centre of mass of a rigid body; centre of mass of a uniform rod. Moment of a force, torque, angular momentum, law of conservation of angular momentum and its applications.

Equilibrium of rigid bodies, rigid body rotation and equations of rotational motion, comparison of linear and rotational motions.

Moment of inertia, radius of gyration, values of moments of inertia for simple geometrical objects (no derivation). Statement of parallel and perpendicular axes theorems and their applications. | Activity:To study the variation in the range of a projectile with angle of projection |
| September | VI.(Gravitation) | 18 | **Gravitation:**Kepler's laws of planetary motion, universal law of gravitation. Acceleration due to gravity and its variation with altitude and depth.

Gravitational potential energy and gravitational potential, escape velocity, orbital velocity of a satellite, Geo-stationary satellites. | 8.To study variation of time period of a simple pendulum by changing its length and taking bobs of different masses independently and interpret the result. |
| | VII.(Properties of Bulk Matter) | | **Mechanical Properties of solids:**Elastic behaviour, Stress-strain relationship, Hooke's law, Young's modulus, bulk modulus, shear modulus of rigidity, Poisson's ratio; elastic energy. | 9. To find the force constant of a helical spring by plotting a graph between load and extention. |
| October | VII.(Properties of Bulk Matter) | 18 | **Mechanical Properties of fluids:**Pressure due to a fluid column; Pascal's law and its applications (hydraulic lift and hydraulic brakes), effect of gravity on fluid pressure.

Viscosity, Stokes' law, terminal velocity, streamline and turbulent flow, critical velocity, Bernoulli's theorem and its applications.

Surface energy and surface tension, angle of contact, excess of pressure across a curved surface, application | 10. To determine the surface tension of water by capillary rise method |
| | | | **Thermal properties of matter:**Heat, temperature, thermal expansion; thermal expansion of solids, liquids and gases, anomalous expansion of water; specific heat capacity; Cp, Cv - calorimetry; change of state - latent heat capacity.

Heat transfer-conduction, convection and radiation, thermal conductivity, qualitative ideas of Blackbody | 11. To determine the coefficient of viscosity of a given viscous liquid by measuring terminal velocity of a given spherical body. Activity: To study the effect of detergent on S,T |
| November | VIII Thermodynamics | 12 | **Thermodynamics:**Thermal equilibrium and definition of temperature (zeroth law of thermodynamics), heat, work and internal energy. First law of thermodynamics, isothermal and adiabatic processes.

Second law of thermodynamics: reversible and irreversible processes, Heat engine and refrigerator. | Activity:To observe the change of state and plot a cooling curve. |
| December | IX.(Kinetic theory of gases) | 18 | **Kinetic Theory:**Equation of state of a perfect gas, work done in compressing a gas.

Kinetic theory of gases - assumptions, concept of pressure. Kinetic interpretation of temperature; rms speed of gas molecules; degrees of freedom, law of equi-partition of energy (statement only) and application to specific heat capacities of gases; concept of mean free path, Avogadro's number. | 12. To study the relationship between the temperature of a hot body and time by plotting a cooling curve Activity:To note the change in the level of liquid in a container on heating and interprethe observations |
| January | X (waves and oscillations) | 25 | **Oscillations:**Periodic motion - time period, frequency, displacement as a function of time, periodic functions.

Simple harmonic motion (S.H.M) and its equation; phase; oscillations of a loaded spring- restoring force and force constant; energy in S.H.M. Kinetic and potential energies; simple pendulum derivation of expression for its time period. Free, forced and damped oscillations (qualitative ideas only), resonance. REVISION(ALL SYLALABUS) | 13.To study the relation between frequency and length of a given wire under constant tension using sonometer. |
| | | | **Wave motion:** Transverse and longitudinal waves, speed of travelling wave, displacement relation for a progressive wave, principle of superposition of waves, reflection of waves, standing waves in strings and organ pipes, fundamental mode and harmonics, Beats, Doppler effect. | 14.To find the speed of sound in air at room temperature using a resonance tube by two resonance positions. |

GREENFINGERS GLOBAL SCHOOL,KHARGHAR
SYLLABUS REPORT FOR THE ACADEMIC YEAR 2023-2024
GRADE: XI
SUBJECT: CHEMISTRY (043)

MONTH	UNIT	TOPICS	NO OF PERIODS	ACTIVITY
JUNE	1	Some Basic Concepts of Chemistry	12	**Group Discussion:** Importance of Chemistry in our daily life.
JULY	2	Structure of Atom	14	**Lab Activity:** 1) Determination of melting point of organic compound. 2) Determination of boiling point of organic compound.
	3	Classification of Elements and Periodicity in Properties	8	
AUGUST	8	Organic Chemistry: Some basic Principles and Techniques	14	**Lab Activity:** 1) Determinaion of pH of some solutions. 2) Determination of strength of a given solution of Sodium hydroxide by titrating it against standard solution of Oxalic acid.
	5	Chemical Thermodynamics	8	
SEPTEMBER	5	Chemical Thermodynamics	8	Group Discusssion and Open book test
OCTOBER	6	Equilibrium	14	**Investigatory Project:** Scientific investigations involving laboratory testing and collecting information from other sources.
	7	Redox Reactions	6	
NOVEMBER	4	Chemical Bonding and Molecular Structure	8	**Lab Activity:** 1) Determination of strength of a given solution of Hydrochloric acid by titrating it against standard solution of Sodium carbonate.
DECEMBER	4	Chemical Bonding and Molecular Structure	6	**Lab Activity:** Detection Acidic and Basic radicals.
	9	Hydrocabons	10	
JANUARY	9	Hydrocabons	5	Open book Test

Month	No. of Periods	Units/Sub Units to be taught	Acivity
July	12 10	**Unit-I (23) Marks** **1) Sets** Sets and their representations.Empty set.Finite and Infinite sets.Equal sets.Subsets.Subsets of a set of real numbers especially intervals (with notations). Power set. Universal set. Venn diagrams. Union and Intersection of sets.Difference of sets. Complement of a set. Properties of Complement. **2) Relations and Functions** Ordered pairs.Cartesian product of sets.Number of elements in the Cartesian product of two finite sets.Cartesian product of the set of reals with itself (upto R x R x R).Definition of relation, pictorial diagrams, domain, co-domain and range of a relation. Function as a special type of relation. Pictorial representation of a function, domain, co-domain and range of a function. Real valued functions, domain and range of these functions, constant, identity, polynomial, rational, modulus, signum, exponential, logarithmic and greatest integer functions, with their graphs. Sum, difference, product and quotients of functions.	**A1** **(Sets)** **A2** **(Relations and Functions)**
August	12 10	**3) Trignometric Functions** Positive and negative angles.Measuring angles in radians and in degrees and conversion from one measure to another.Definition of trigonometric functions with the help of unit circle. Truth of the identity $\sin^2x + \cos^2x = 1$, for all x. Signs of trigonometric functions. Domain and range of trigonometric functions and their graphs.Expressing sin (x±y) and cos (x±y) in terms of sinx, siny, cosx&cosy and their simple applications.Deducing identities. **Unit - II Algebra (25) Marks** **5) Complex nos. & Quadratic Equations** Need for complex numbers, especially$\sqrt{-1}$, to be motivated by inability to solve some of the quardratic equations. Algebraic properties of complex numbers. Argand plane .	**A11** **(Complex nos.)**
September	6 12	**6) Linear equation** Linear inequalities.Algebraic solutions of linear inequalities in one variable and their representation on the number line. **7) Permutation and Combination** Fundamental principle of counting.Factorialn. (n!) Permutations and combinations, derivation of Formulae for n p r and n c rand their connections, simple applications.	**A14** **(Permutation and Combination)**
October	8 12	**8) Binomial Theorem** History, statement and proof of the binomial theorem for positive integral indices.Pascal's triangle, simple applications. **9) Sequence & Series** Sequence and Series. Arithmetic Progression (A. P.). Arithmetic Mean (A.M.) Geometric Progression (G.P.), general term of a G.P., sum of n terms of a G.P., infinite G.P. and its sum, geometric mean (G.M.), relation between A.M. and G.M.	**A15** **(Binomial)** **A18** **(A.M and G.M)**
November	15 6	**Unit-III Co-Ordinate Geometry (12) Marks** **10) Straight Lines** Brief recall of two dimensional geometry from earlier classes. Shifting of origin. Slope of a line and angle between two lines. Various forms of equations of a line: parallel to axis, point -slope form, slope-intercept form, two-point form, intercept form and normal form. General equation of a line.Equation of family of lines passing through the point of intersection of two lines.Distance of a point from a line. **12) 3D Geometry** Coordinate axes and coordinate planes in three dimensions. Coordinates of a point. Distance between two points and section formula.	**A20** **(St. Lines)**
December	12 10	**11) Conic Sections** Sections of a cone: circles, ellipse, parabola, hyperbola, a point, a straight line and a pair of intersecting lines as a degenerated case of a conic section. Standard equations and simple properties of parabola, ellipse and hyperbola.Standard equation of a circle. **Unit-IV Calculus (8) Marks** **13) Limits and Derivatives** Derivative introduced as rate of change both as that of distance function and geometrically.Intuitive idea of limit.Limits of polynomials and rational functions trigonometric, exponential and logarithmic functions.Definition of derivative relate it to scope of tangent of the curve, derivative of sum, difference, product and quotient of functions. Derivatives of polynomial and trigonometric functions.	**A22** **(Parabola)** **A28** **(LImits)**
January	10 10	**Unit-V (12) Marks** **15) Statistics** Measures of Dispersion: Range, Mean deviation, variance and standard deviation of ungrouped/grouped data. **16) Probability** Events; occurrence of events, 'not', 'and' and 'or' events, exhaustive events, mutually exclusive events, Axiomatic (set theoretic) probability, connections with other theories of earlier classes. Probability of an event, probability of 'not', 'and' and 'or' events.	**A33** **(Probability)**
January		**Revision**	
February		**Final Examination**	

SYLLABUS FOR ACADEMIC YEAR 2023-24				
SUBJECT:BIOLOGY (044)				CLASS : XI
MONTH	UNIT	CHAPTERS	PERIODS	PRACTICALS/ACTIVITY
JUNE	UNIT I	Chapter 1: The Living World	23 PERIODS	Study of the parts of
	Diversity of	Chapter 2 : Biological Classification		compound Microscope
	LivingOrganisms			Study of the specimens and
		Chapter 3 : Plant Kingdom		identifications with reasons
		Chapter 4 : A nimal Kingdom		
JULY	UNIT : II	Chapter:5 M orphology of Flowering	22 PERIODS	Study and describe common
	STRUCTURAL	Plants		flowering plants of family solanace
	ORGANISATION	Chapter 6: Anatomy of Flowering		T.S. of Dicot and monocot
	IN PLANTS AND	Plants		root and stems
	ANIMALS	Chapter 7: Structural Organization		Study of distribution of
		in Animals		stomata
				Study of different inflorescence
AUGUST	UNIT : III	Chapter : 8 : Cell-The Unit of Life	35 PERIODS	Studyof osmosis by potato
	Cell : Structure	Chapter: 9 : Bimolecule		osmometer
	and functions			Study of plasmolysis
				Study of mitosis in onion root tip
SEPTEMBER		Chapter: 10 : Cell Cycle and Cell		
		Division		
	UNIT: IV	Chapter: 13 : Photosynthesis	25 PERIODS	Sepration of plant pigments through
	PLANT	Higher Plants		paper chromatography
	PHYSIOLOGY	Chapter : 14 : Respiration in Plants		Study of the rate of respiration in
				flower buds/leaf tissue and
				germinating seeds.
OCTOBER		Chapter: 15 : Plant - Growth and		
		Development		
	UNIT : V	Chapter 17 :Breathing and	43 PERIODS	
	HUMAN	Exchange of Gases		
	PHYSIOLOGY	Chapter: 18 : Body Fluids and		
		Circulation		
NOVEMBER		Chapter: 19 : Excretory Products		To test the presence of Urea in urine
		and Their Elimination		To testthe presence of sugar inurine.
DECEMBER		Chapter: 20 : Locomotion and		To test the presence of albumin .
		Movement		To test the presence of bile salts.
		Chapter: 21: Neural Control and		Study of human skeleton and different
		Coordination		types ofjoints
		Chapter:22; Chemical Control and		
		Coordination		
JANUARY		REVISION		

GREENFINGERS GLOBAL SCHOOL
SYLLABUS REPORT FOR THE ACADEMIC YEAR 2023-24
CLASS XI ACCOUNTS (055)

SR:NO	MONTH	UNIT	TOPIC SUBTOPIC	PERIOD	ACTIVITY
1	JUNE	PART A: FINANCIAL ACCOUNTING - I			
		CH 1	Accounting- concept, meaning, as a source	5	Document making
		Introduction to Accounting	of information, objectives, advantages and		
			limitations, types of accounting information;		
			users of accounting information and their		
			needs. Qualitative Characteristics of		
			Accounting Information. Role of Accounting in		
			Business.		
2	JUNE	CH 2			
		Basic accounting terms	Entity, Business	5	Document making
			Transaction, Capital, Drawings. Liabilities		
			(Non Current and Current). Assets (Non		
			Current, Current); Expenditure (Capital and		
			Revenue), Expense, Revenue, Income,		
			Profit, Gain, Loss, Purchase, Sales, Goods,		
			Stock, Debtor, Creditor, Voucher, Discount		
			(Trade discount and Cash Discount)		
3	JULY	CH 3			
		Theory Base of Accounting	Fundamental accounting assumptions:	5	Brochure making
			GAAP: Concept		
			⬜ Basic Accounting Concept : Business Entity,		
			Money Measurement, Going Concern,		
			Accounting Period, Cost Concept, Dual		
			Aspect, Revenue Recognition, Matching, Full		
			Disclosure, Consistency, Conservatism,		
			⬜ Materiality and Objectivity		
			⬜ System of Accounting. Basis of Accounting:		
			cash basis and accrual basis		
			⬜ Accounting Standards: Applicability of		
			Accounting Standards (AS) and Indian		
			Accounting Standards (IndAS)		
			⬜ Goods and Services Tax (GST):		
			Characteristics and Advantages.		
4	JULY	Unit-2: Accounting Process			
		CH 4		8	Brochure making
		Bases of accounting	Meaning; cash basis of accounting		
			accrual basis of accounting		
			Difference between cash and accrual basis of		
			accounting.		
5	JULY	CH 5	Meaning of accounting equation	8	Lively business transactions data.
		Accounting equation	Effect of transactions on accounting equation		
			Process of preparing accounting equation		
			Rules of accounting equations		
			Effects of adjustments transactions on		
6	AUGUST		accounting equation.		
		CH 6			
		Accounting procedures	Meaning of an account	5	Document making
		Rules of debit and credit	Meaning of debit and credit		
			Rules of debit and credit		
			Classification of accounts		
			Balancing of account		
			Significance of debit and credit balance in		
			accounts.		
7	AUGUST	CH 7			
		Origin of transactions	Source	5	Brochure making
		Source documents and preparation o	documents and Vouchers, Preparation of		
		vouchers.	Vouchers.		
8	AUGUST	CH 8		8	
		JOURNAL	Meaning of journal and journalising		Data of business transactions
			Characteristic and advantages of journal.		of a business firm.
			Limitation of journal		
			steps in journalising		
			Simple and compound journal entries		
			Discount and rebate		
			Difference between trade discount rebate		
			and cash discount		
9	SEPTEMBER	CH 9			
		LEDGER	Meaning of ledger, features and utilities of ledger	8	Data of business transactions
			format of ledger account		of a business firm.
			Mechanics of posting		
			Balancing of ledger accoiunts		
			difference between journal and ledger		
10	SEPTEMBER	CH 10			
		Special purpose book	Cash Book: Simple, cash book with bank column and petty cashbook		
		Cash book	Purchases book	8	Data of business transactions
			⬜ Sales book		of a business firm.
			Purchases return book		
			⬜ Sales return book		
			⬜ Journal proper		

11	OCTOBER	CH 11			
		Special purpose books - other books.	Purchases book	8	
			☐ Sales book		Document making
			☐ Purchases return book		
			☐ Sales return book		
			☐ Journal proper		
12	OCTOBER	CH 12			
		Accounting of goods and service tax	Meaning of GST	5	Brochure making
		GST	Objeectives, characteristics, categories of GST		
13	NOVEMBER	CH 13			
		Bank reconciliation statement	Need and preparation, Bank Reconciliation	8	Data of business transactions
			Statement		of a business firm.
14	NOVEMBER	CH 14			
		Trial balance	Meaning ,characteristics, objectives and	5	Data of business transactions
			and limitations of trial balance.		of a business firm.
15	DECEMBER	CH 15			
		Depreciation, Provisions and Reserve	Depreciation: Meaning, Features, Need,		
			Causes, factors	12	Document making
			☐ Other similar terms: Depletion and		
			Amortisation		
			☐ Methods of Depreciation:		
			i. Straight Line Method (SLM)		
			ii. Written Down Value Method (WDV)		
			Note: Excluding change of method		
			☐ Difference between SLM and WDV;		
			Advantages of SLM and WDV		
			☐ Method of recoding depreciation		
			i. Charging to asset account		
			ii. Creating provision for		
			depreciation/accumulated depreciation		
			account		
			☐ Treatment of disposal of asset		
			☐ Provisions, Reserves, Difference Between		
			Provisions and Reserves.		
			☐ Types of Reserves:		
			i. Revenue reserve		
			ii. Capital reserve		
			iii. General reserve		
			iv. Specific reserve		
			v. Secret Reserve		
			☐ Difference between capital and revenue		
			reserve		
16	DECEMBER	CH 16			
		Rectification of Errors	Errors: classification-errors of omission,		
			commission, principles, and compensating;	8	Brochure making
			their effect on Trial Balance.		
			☐ Detection and rectification of errors;		
			(i) Errors which do not affect trial balance		
			(ii) Errors which affect trial balance		
			☐ preparation of suspense account		
17	JANUARY	Part B: Financial Accounting - II			
		CH 17: Financial Statements of	Meaning, objectives and importance; Revenue and		
		Sole Proprietorship	Capital Receipts; Revenue and Capital Expenditure;	15	Data of business transactions
			Deferred Revenue expenditure. Opening journal		of a business firm.
			entry. Trading and Profit and Loss Account: Gross		
			Profit, Operating profit and Net profit. Preparation.		
			Balance Sheet: need, grouping and marshalling of		
			assets and liabilities. Preparation. Adjustments in		
			preparation of financial statements with respect to		
			closing stock, outstanding expenses, prepaid		
			expenses, accrued income, income received in		
			advance, depreciation, bad debts, provision for		
			doubtful debts, provision for discount on debtors,		
			Abnormal loss, Goods taken for personal use/staff		
			welfare, interest on capital and managers		
			commission. Preparation of Trading and Profit and		
			Loss account and Balance Sheet of a sole		
			proprietorship with adjustments		
18	JANUARY	CH 18			
		Incomplete Records Accounting	Features, reasons and limitations.	5	Document making
			Ascertainment of Profit/Loss by Statement of Affairs		
			method. (excluding conversion method)		

GREENFINGERS GLOBAL SCHOOL
SYLLABUS REPORT FOR THE ACADEMIC YEAR 2023-24
CLASS XI BUSINESS STUDIES (054)

SR NO	MONTH	UNIT	TOPIC-SUBTOPIC	PERIOD	ACTIVITY
1	JUNE	Unit 1: Evolution and Fundamentals of Business	History of Trade and Commerce in India: Indigenous Banking System, Rise of Intermediaries, Transport, Trading Communities: Merchant Corporations, Major Trade Centres, Major Imports and Exports, Position of Indian Sub-Continent in the World Economy	18	ppt
			Business – meaning and characteristics		
			Business, profession and employment – Concept		
			Objectives of business		
			Classification of business activities - Industry and Commerce		
			Industry-types: primary, secondary, tertiary Meaning and subgroups		
			Commerce-trade: (types-internal, external; wholesale and retail) and auxiliaries to trade; (banking, insurance, transportation, warehousing, communication, and advertising) – meaning		
			Business risk-Concept		
2		Unit 2: Forms of Business organizations	Sole Proprietorship-Concept, merits and limitations	24	BROCHURE MAKING
			Partnership-Concept, types, merits and limitation of partnership, registration of a partnership firm, partnership deed. Types of partners		
			Hindu Undivided Family Business: Concept		
			Cooperative Societies-Concept, merits, and limitations		
			Company - Concept, merits and limitations; Types: Private, Public and One Person Company – Concept		
			Formation of company - stages, important documents to be used in formation of a company		
			Choice of form of business organization		
3		Unit 3: Public, Private and Global Enterprises	Public sector and private sector enterprises – Concept	18	DOCUMENT MAKING
			Forms of public sector enterprises: Departmental Undertakings, Statutory Corporations and Government Company		
			Global Enterprises – Feature		
			Joint venture		
			Public private partnership – concept		
4		Unit 4: Business Services	Business services – meaning and types.	18	PROJECT ON BUSINESS SERVICES
			Banking: Types of bank accounts - savings, current, recurring, fixed deposit and multiple option deposit account		
			Banking services with particular reference to Bank Draft, Bank Overdraft, Cash credit.		
			E-Banking: meaning, types of digital payments		
			Insurance – Principles. Types – life, health, fire and marine insurance – concept		
			Postal Service - Mail, Registered Post, Parcel, Speed Post, Courier - meaning		

5		Unit 5: Emerging Modes of Business	E - business: concept, scope and benefits	10	BROCHURE MAKING
6		Unit 6: Social Responsibility of Business and Business Ethics	Concept of social responsibility	12	PPT
			Case of social responsibility		
			Responsibility towards owners, investors, consumers, employees, government and community		
			Role of business in environment protection		
			Business Ethics - Concept and Elements		
7		Unit 7: Sources of Business Finance	Concept of business finance		
			Owners' funds- equity shares, preferences share, retained earnings	30	DOCUMENT MAKING
			Borrowed funds: debentures and bonds, loan from financial institution and commercial banks, public deposits, trade credit, Inter Corporate Deposits (ICD)		
8		Unit 8: Small Business and Enterprises	Entrepreneurship Development (ED):		
			Concept, Characteristics and Need.	16	BROCHURE MAKING
			Process of Entrepreneurship Development: Start-up India Scheme, ways to fund start-up. Intellectual Property Rights and Entrepreneurship		
			Small scale enterprise as defined by MSMED Act 2006 (Micro, Small and Medium Enterprise Development Act)		
			Role of small business in India with special reference to rural areas		
			Government schemes and agencies for small scale industries: National Small Industries Corporation (NSIC) and District Industrial Centre (DIC) with special reference to rural, backward areas		
9		Unit 9: Internal Trade	Internal trade - meaning and types		
			services rendered by a wholesaler and a retailer	30	PPT
			Types of retail-trade-Itinerant and small scale fixed shops retailers		
			Large scale retailers-Departmental stores, chain stores – concept		
			GST (Goods and Services Tax): Concept and key-features		
10		Unit 10: International Trade	International trade: concept and benefits	14	PPT
			Export trade – Meaning and procedure		
			Import Trade - Meaning and procedure		
			Documents involved in International Trade; indent, letter of credit, shipping order, shipping bills, mate's receipt (DA/DP)		
			World Trade Organization (WTO) meaning and objectives		

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SYLLABUS REPORT FOR THE ACADEMIC YEAR 2022-23

GRADE: XI   SUBJECT: ECONOMICS (030)

MONTH	UNIT	TOPICS	NO. OF PERIODS	ACTIVITY
JUNE	Unit 4	Introduction Microeconomics and Macroeconomics concepts of production possibility frontier and opportunity cost.	5	To express the basic economic concepts of economics by drawing and painting
	Unit 1	Meaning, scope, functions and importance of statistics in Economics	5	
JULY	Unt 2	Collection of data Organisation and Presentationof Data	18	To frame a questionnaire and collect data from economic survey, NSO
		Conditions of consumer's equilibrium using marginal utility analysis. Indifference curve analysis of consumer's equilibrium	7	Role play
AUGUST		Demand & Price Elasticity of Demand	12	
	Unit 3	Statistical Tools and Interpretation Measures of Central Tendency - Arithmetic mean		
SEPTEMBER		Measures of Central Tendency - Median and Mode	8	
	Unit 6	Producer Behaviour and Supply - Production Function		Game to understand the concept of variable proportions
OCTOBER	Unit 6	Producer Behaviour and Supply - Cost Function; Revenue; Producer's equilibrium; Supply Function	23	Case Study based Discussion & concept mapping
NOVEMBER		Producer Behaviour and Supply - Price elasticity of supply	4	
	Unit 7	Forms of Market and Price Determination under Perfect Competition with simple applications.	7	Application to real life - Case Studies
DECEMBER	Unit 3	Correlation - Scatter Diagram & Measures of correlation	11	
	Developing Project in Economics using Statistical Tools	
JANUARY	Unit 3	Introduction to Index Numbers - meaning, types - wholesale price index, consumer price index and index of industrial production, uses of index numbers; Inflation and index numbers	12	Newspaper cuttings of recent news on stock market, IIP and inflation

XI APPLIED MATH SPLIT-UP SYLLABUS 2023-24			
Month	No. of Periods	Units/Sub Units to be taught	Acivity
July	15	**UNIT - 1 NUMBERS, QUANTIFICATION AND NUMERICAL APPLICATIONS (9) Marks** **Numbers & Quantification** Binary Numbers,Indices, Logarithm and Antilogarithm,Laws and properties of logarithms,Simple applications of logarithm and antilogarithm **Numerical Applications** Averages,Clock,Calendar,Time, Work and Distance,Mensuration,Seating arrangement,Subsets,	**The cardinality of a set and orders of infinity**
	10	**UNIT – 2 ALGEBRA (15) Marks** **Sets** Introduction to sets – definition,Representation of sets,Types of sets and theirnotations,Intervals, Venn diagrams,Operations on sets	
August	12	**Relations** Ordered pairs Cartesian product of two sets,Relations, **Sequences and Series** Sequences and Series,Arithmetic Progression,Geometric Progression,Applications of AP and GP **Permutations and Combinations** Factorial,Fundamental Principle of Counting,Permutations,Combinations	**Use of Venn diagram in solving practical problems**
	10	**UNIT -3 MATHEMATICAL REASONING (6) Marks** **Logical reasoning** Odd man out,Syllogism,Blood relations, Coding Decoding	
September	15	**UNIT – 4 CALCULUS (10) Marks** .Functions, Domain and Range of a function,Types of functions,Graphical representation of functions, Concepts of limits and continuity of a function,Instantaneous rate of change,Differentiation as a process of finding derivative, Derivatives of algebraic functions using Chain Rule	**Plot the graph of function on excel**
October	8	**UNIT – 5 PROBABILITY (8) Marks** Introduction,Random experiment and sample space,Event,Conditional Probability,Total Probability, Bayes' Theorem	**Calculating average, intrest(simple & compound)**
	12	**UNIT- 6 DESCRIPTIVE STATISTICS (12) Marks** Measure of Dispersion,Skewness and Kurtosis,Percentile rank and Quartile rank,Correlation	
November	20	**UNIT – 7 FINANCIAL MATHEMATICS (15) Marks** Interest and Interest Rates,Accumulation with simple and compound interest,Simple and compound interest rates with equivalency,Effective rate of interest,Present value, net present value and future value	
December	15	Annuities, Calculating value of Regular Annuity,Simple applications of regular annuities (upto 3 period) Tax, calculation of tax, simple applications of tax calculation in Goods and service tax, Income Tax, Bills, tariff rates, fixed charge, surcharge, service charge,Calculation and interpretation of electricity bill, water supply bill and other supply bills	
January	12	**UNIT – 8 COORDINATE GEOMETRY (5) Marks** Straight line,Circle,Parabola	
January		Revision	
February		Final Examination	

GREENFINGERS GLOBAL SCHOOL,KHARGHAR			
SYLLABUS REPORT FOR THE ACADEMIC YEAR 2023-2024			
GRADE:XI			
SUBJECT:COMPUTER SCIENCE(083)			
MONTH	**UNIT**	**TOPICS / SUB-TOPIC**	**ACTIVITY**
JUNE	UNIT - 1 COMPUTER SYSTEMS AND ORGANIZATION	1.COMPUTER SYSTEMS ORGANIZATION	TO MAKE PPT PRESENTATION FOR COMPUTER SYSTEMS
JULY	UNIT - 1 COMPUTER SYSTEMS AND ORGANIZATION	2.DATA REPRESENTATION AND BOOLEAN LOGIC	TO MAKE ELCTRIC MODEL WITH ALL GATES
	UNIT - 2 COMPUTATIONAL THINKING AND PROGRAMMING-1	3. GETTING STARTED WITH PYTHON	INSTALLATION OF PYTHON SOFTWARE
AUGUST	UNIT - 2 COMPUTATIONAL THINKING AND PROGRAMMING-1	4. PYTHON PROGRAMMING FUNDAMENTALS	DEMONSTRATION OF PYTHON PROGRAMMING
	UNIT - 2 COMPUTATIONAL THINKING AND PROGRAMMING-1	5. CONDITIONAL AND LOOPING CONSTRUCTS	DEMONSTRATION OF PYTHON PROGRAMMING
SEPTEMBER	UNIT - 2 COMPUTATIONAL THINKING AND PROGRAMMING-1	6.STRINGS IN PYTHON	PPT PRESENTATION
		7.LISTS IN PYTHON	
OCTOBER	UNIT - 2 COMPUTATIONAL THINKING AND PROGRAMMING-1	8.TUPLES AND DICTIONARY	DEMONSTRATION OF PYTHON PROGRAMMING
		9.INTRODUCTION TO PYTHON MODULES	
NOVEMBER	UNIT - 3 SOCIETY,LAW AND ETHICS	10.SOCIETY,LAW AND ETHICS	DEBATE COMPETITION
DECEMBER	UNIT - 3 SOCIETY,LAW AND ETHICS	11. CYBER SAFETY	GROUP DISCUSSION
JANUARY	REVISION		

			GREEN FINGERS GLOBAL SCHOOL	
			SYLLABUS XI 2023-2024	
			PHYSICAL EDUCATION	
Sr No	Month	U.No	Topics	Practicals
1	June	Unit-I:	**Changing Trends & Career In Physical Education**	
			Concept,Aims & Objectives of Physical Education	Practical-1:
			Development of P.E. in India-post Independance	Pull Ups,Standing Long Jump
			Changing Trends in Sports	Flexed Leg Situps
			Career options in Physical Education	Shuttle Run ,600 Yard Run.
			Khelo-India Program and Fit	
		Unit-II:	**Olympism Value Education**	
			Olympism	Journal Part I
			Olympic Value Education	Practical-1.
			Ancient and Modern Olympics	
			Anthem	Down
			Olympic Movement Structure	
2	July	Unit-III:	**Yoga**	
			Meaning and importance of Yoga.	Yogasana:
			Introduction to Astanga Yoga	Asana,
			Yogic Kriyas (Shat Karma)	Relaxative Asana.
			Pranayama and its types.	Prone position Asanas,
			Active Lifestyle and stress management	Supine position Asanas.
		Unit-IV	**CWSN**	
			Concept of Disability and Disorder.	M,800M,
			Types of Disability, its causes & nature	Throw.
			Disability Etiquette.	Tripple Jump.
			Education	
			with special needs .	
3	Augus	Unit-V	**Lifestyle.**	
			Meaning & importance of Wellness,Health.	
			Wellness,Health	
			Traditional Sports & Regional Games	
			. Introduction to First Aid – PRICE	
		Unit-VI:		
			Define Test,Measurements and Evaluation.	diagram of field &
			Evaluation in Sports.	game of your
			Calculation of BMI, Waist	list.
			Somato Types	
3	Sept	Unit-VII	**Sports**	

			Physiology .	list of current National
			of Bones.	
			Properties and Functions of Muscles.	
			Circulatory System and Heart.	
			Respiratory System	
4	Oct	Unit-VII	**Kinesiology,Biomechanics in Sports**	
			andBiomechanics.	presentation of any five
			Principles of Biomechanics.	
			Kinetics and Kinematics in Sports	
			Types of Body Movements.	
5		Unit-IX:	**Psychology and Sports**	
			Definition & Importance of Psychology.	Game of choice from the
			Stages.	Bocce, Gymnastics,
			Adolescent Problems & their Management.	
			Team Cohesion and Sports.	
			Introduction to Psychological Attributes.	
7	Nov	Unit-X:	**Training & Doping in Sports.**	Practical Practice
			Concept and Principles of Sports Training.	
			Recovery.	
			Warming-up & Limbering Down.	
			Strategies.	
			Concept of Doping and its disadvantages	
	December		Revision.	

GREENFINGERS GLOBAL SCHOOL, KHARGHAR					
SYLLABUS REPORT FOR THE ACADEMIC YEAR 2023-24					
GRADE: XII SUBJECT : ENGLISH					
FLAMINGO/ VISTAS		L. NO	LESSON NAME	NO.OF PERIODS	PROJECT/ ACTIVITY
MONTH	UNIT				
APRIL	FLAMINGO	1	THE LAST LESSON (PROSE)	4	CLASS DISCUSSION: life in the earlier times was much happier and the people in that time weren't anxious or fearful
		1	MY MOTHER AT SIXTY SIX (POETRY)	2	
		5	INDIGO (PROSE)	4	
	VISTAS	2	THE THIRD LEVEL (PROSE)	4	
	WRITING		NOTICE	2	
JUNE	FLAMINGO	2	THE LOST SPRING (PROSE)	4	JUST A MINUTE SPEECH ON GIVEN TOPICS; NARRATION BASED ON MYSTERY/ ART INTERGARTED PROJECT: COMIC STRIP
		3	DEEP WATER (PROSE)	5	
		3	KEEPING QUIET (POETRY)		
	VISTAS	2	THE TIGER KING (PROSE)	4	
	WRITING		LETTER WRITING FORMAL (JOB/EDITOR)	3	
JULY	FLAMINGO	4	THE RATTRAP (PROSE)	5	POWER PONIT PRESENTATION ON GIVEN TOPICS, POETRY RECITATION IN A MUSICAL WAY/ FLIPCLASS
		5	POETS AND PANCAKES (PROSE)	4	
		4	A THING OF BEAUTY (POETRY)	2	
	VISTAS	4	THE ENEMY (PROSE)	4	
AUGUST	FLAMINGO	7	THE INTERVIEW (PROSE)	4	CONDUCTING AN INTERVIEW WITH AN EMINENT PERSONALITY OF YOUR LOCALITY
		5	THE ROADSIDE STAND (POETRY)	2	
	VISTAS	3	JOURNEY TO THE END OF THE EARTH	3	
		6	ON THE FACE OF IT (PROSE)	3	
	WRITING		FORMAL (INVITATIONS AND REPLIES)	3	
	ASL		ASL PROJECT	2	
SEPTEMBER	FLAMINGO	8	GOING PLACES (PROSE)	3	FLIPCLASS/ART INTERGATED PROJECT:POSTER MAKING
		8	AUNT JENNIFER'S TIGER (POETRY)	2	
	WRITING		INFORMAL (INVITATIONS AND REPLIES)		
			REORT WRITING	2	
OCTOBER	VISTATS	8	MEMORIES OF CHILDHOOD	4	LISTENING AND SPEAKING ACTIVITY
	FLAMINGO		REVISION		
	ASL		ASL LISTENNG	2	
	WRITING		ARTICLE WRITING	2	

GREENFINGERS GLOBAL SCHOOL, KHARGHAR

SYLLABUS REPORT FOR THE ACADEMIC YEAR 2023-2024 (GRADE XII)
SUBJECT-PHYSICS (042)

MONTH	UNIT	PERIODS	TOPICs	ACTIVITY	PRACTICALS
APRIL/MAY	Electrostatics	20	Chaptetr–1: Electric Charges and Fields Chapter–2: Electrostatic Potential and Capacitance	1.To measure resistance, voltage (AC/DC), current (AC) and check continuity of a given circuit using multimeter. 2. To assemble a household circuit comprising three bulbs, three (on/off) switches, a fuse and a power source. 3. To assemble the components of a given electrical circuit. 4. To study the variation in potential drop with length of a wire for a steady current.	1.How to determine resistivity of two wires by plotting a graph for potential difference versus current. 2. To find resistance of a given wire/ standard resistor using meter bridge.
JUN	Current Electricity	12	Chapter-3 Current Electricity	5. To identify a diode, an LED, a resistor and a capacitor from a mixed collection of such items. 6. Use of multimeter to see the unidirectional flow of current in case of a diode and an LED and check whether a given electronic component (e.g., diode) is in working order.	3. How to determine resistance of a galvanometer by half-deflection method and to find its figure of merit. 4. How to verify the laws of combination (series) of resistances using a metre Bridge.
	Magnetic Effects of Current and Magnetism	18	Chapter–4: Moving Charges and Magnetism Chapter–5: Magnetism and Matter		
JULY	Electromagnetic Induction and Alternating Currents	22	Chapter–6: Electromagnetic Induction Chapter–7: Alternating Current		
	Electromagnetic Waves	4	Chapter–8: Electromagnetic Waves		

AUGUST	Optics	25	Chapter–9: Ray Optics and Optical intruments Chapter–10: Wave Optics	7. To study the nature and size of the image formed by a (i) convex lens, or (ii) concave mirror, on a screen by using a candle and a screen (for different distances of the candle from the lens/mirror).	1. How to determine angle of minimum deviation for a given prism by plotting a graph between angle of incidence and the angle of deviation. 2. How to find the refractive index of a liquid by using convex lens and plane mirror. 3.How to determine refractive index of glass slab using a travelling microscope.
	Dual Nature of Radiation and Matter	8	Chapter–11: Dual Nature of Radiation and Matter	8. To observe diffraction of light due to a thin slit.	
SEPTEMBER	Atoms and Nuclei	12	Chapter–12: Atoms Chapter–13: Nuclei	9. To study effect of intensity of light (by varying distance of the source) on an LDR.	
OCTOBER	Electronic Devices	10	Chapter–14: Semiconductor Electronics: Materials, Devices and Simple Circuits	10. To observe refraction and lateral deviation of a beam of light incident obliquely on a glass slab.	How to draw the I-V characteristics curve for a p-n junction diode in forward and reverse bias.

GREENFINGERS GLOBAL SCHOOL,KHARGHAR				
SYLLABUS REPORT FOR THE ACADEMIC YEAR 2023-2024				
GRADE: XII				
SUBJECT: CHEMISTRY (043)				
MONTH	UNIT	TOPICS TO BE COVERED	NO OF PERIODS	ACTIVITY
APRIL	10	1. Haloalkanes and Haloarenes	15	**Lab Activity:** Determination of concentration/ molarity of KMnO4 solution by titrating it against a standard solution of: Oxalic acid (Students will be required to prepare standard solutions by weighing themselves).
	2	2. Solutions	8	
MAY	2	2. Solutions	7	Problem Solving
JUNE	11	3. Alcohols, Phenols and Ethers	14	**Lab Activity:** 1) Detection of funtional Groups 2) Determination of acidic and basic radicals.
	8	4. d and f - block Elements	10	
JULY	8	4. d and f - block Elements	8	Group Discusssion and Open book test
	12	5. Aldehydes, Ketones and Carboxylic acid	15	**Lab activity:** Determination of acidic and basic radicals
AUGUST	3	6. Electrochemistry	18	Problem Solving
	13	7. Amines	14	**Lab activity:** Determination of acidic and basic radicals
SEPTEMBER	14	8.Biomolecules	18	**Lab Activity:** Tests for the presence of carbohydrates, proteins and fats in the given samples.
OCTOBER	4	9. Chemical Kinetics	15	**Lab Activity:** Effect of concentration and temperature on the rate of reaction between sodium thiosulphate and hydochloric acid.
	9	10. Cordination Compounds	18	Debate

XII APPLIED MATH SPLIT-UP SYLLABUS 2023-24 (241)			
Month	**No. of Periods**	**Units/Sub Units to be taught**	**Acivity**
April	20	**Unit-II - ALGEBRA(10) Marks** Types of matrices, equality of matrices,transpose, symmetric and skew symmetric matrix Algebra of matrices, Determinants, Inverse of a matrix, Solving system of simultaneous equations using matrix method,Cramer's rule	Art Integrated Project
April - May	30	**Unit-I - NUMBERS, QUANTIFICATION AND NUMERICAL APPLICATIONS(11) Marks** Modulo Arithmetic,Congruence Modulo, Alligation and Mixture Numerical Problems based on Boats and Streams, Pipes and Cisterns, Races and Games Numerical Inequalities	Excel based Practical on Matrix multiplication and the inverse of a matrix
June	20	**Unit-VI - INDEX NUMBERS AND TIME BASED DATA (6) Marks** Time Series , Components of time series, Time Series analysis for univariate data, Secular Trend,Methods of Measuring trend	Project on any suggested topic
June - July	20 20	**Unit III - CALCULUS (15) Marks** **Differentiation and its Applications** Higher Order Derivatives, Application of Derivatives,Marginal Cost and Marginal Revenue using derivatives,Increasing/Decreasing Functions,Maxima and Minima **Integration and its Applications** Integration, Indefinite Integrals as family of curves, Definite Integrals as area under the curve, Application of Integration	Plot the graphs of functions on excel and study the graph to find out the point of maxima/minima
August	10 25	**Differential Equations and Modeling**. Differential Equations, Formulating and Solving Differential Equations, Application of Differential Equations **Unit- IV - PROBABILITY DISTRIBUTIONS (10) Marks** Probability Distribution, Mathematical Expectation, Variance,Binomial Distribution,Poison Distribution,Normal Distribution	Probability and dice roll simulation
September	10 20	**Unit - V - INFERENTIAL STATISTICS (5) Marks** Population and Sample, Parameter and Statistics and Statistical Inferences, t-Test (one sample t-test and two independent groups t-test) **Unit - VII - FINANCIAL MATHEMATICS (15) Marks** Perpetuity, Sinking Funds, Calculation of EMI, Calculation of Returns, Nominal Rate of Return,Compound Annual Growth Rate, Linear method of Depreciation	Stock Market data sheet on excel
October	10	**Unit-VIII - LINEAR PROGRAMMING (8) Marks** Introduction and related terminology,Mathematical formulation of Linear Programming Problem, Different types of Linear Programming Problems, Graphical method of solution for problems in two variables, Feasible and Infeasible Regions, Feasible and infeasible solutions, optimal feasible solution	
November		**Revision and 1st Pre-Board**	
December		**Revision and 2nd Pre-Board**	

SYLLABUS FOR ACADEMIC YEAR 2023-24				
SUBJECT:BIOLOGY (044)			CLASS : XII	
MONTH	UNIT	CHAPTERS	PERIODS	PRACTICALS/ACTIVITY
APRIL	UNIT – VI	Chapter-1: Sexual Reproduction in	30 PERIODS	Study pollen germination
&	REPRODUCTION	Flowering Plants		Study of adaptation of
MAY				Pollen germination on slide
		Chapter-2: Human Reproduction		T .S. of ovary andc testis
				Meiosis in onion bud cell
				T .S. of blastula
		Chapter-3: Reproductive Health		Mitosis in onion root tip
JUNE	UNIT – VII	Chapter-4: Principles of Inheritance	40 PERIODS	Controlled pollination
	GENETICS	and Variation.		Mendelian inheritance
	AND	Chapter-5: Molecular Basis of		Prepared pedigree charts
	EVALUATION	Inheritance		Isolate DNA
JULY		Chapter-6: Evolution		
	UNIT-VIII	Chapter-7: Human Health and Diseases.	30 PERIODS	
	BIOLOGY AND			
	HUMAN WELFARE			
AUGUST		Chapter-8:Microbes in Human Welfare		Common disease causing
				organisms
	UNIT-IX	Chapter-9: Biotechnology - Principles	30 PERIODS	
	BIOTECHNOLOGY	and processes		
	AND ITS	Chapter-10: Biotechnology and its		
	APPLICATIONS	Application.		
SEPTEMBER	UNIT-X	Chapter-11: Organisms and Populations	30 PERIODS	Study the plant population
	ECOLOGY AND			density and frequency
	ENVIRONMENT			
OCTOBER		Chapter-12: Ecosystem.		Moodels specimen showing
		Chapter-13: Biodiversity and its		symbiotic association
		Conservation		Flash card models showing
				homologous and analogous

SL.NO	MONTH	UNIT	TOPIC:SUB TOPIC	PERIODS	ACTIVITY
		PART B Financial statement analysis			
1	APRIL	CH 1: Financial Statementsof a company	*Meaning, Nature, Uses and importance of financial Statement.	5	PPT
			*Statement of Profit and Loss and Balance Sheet in prescribed form with major headings and sub headings (as per Schedule III to the Companies Act, 2013)		
2	JUNE	CH 2: Financial Statements analysis	*Financial Statement Analysis: Meaning, Significance Objectives, importance and limitations	5	PPT
3	JUNE	CH 3 Tools for Financial Statement Analysis:	*meaning of comparative financial statements	10	BROCHURE MAKING
		Comparative statements, common size	*Objectives of comparative financial statements.		
		statements, Ratio analysis, Cash flow	*Comparative balance sheet		
		analysis	*Comparative statement of profit and loss account.		
			*Common size balancesheet		
			* Common size profit and loss account.		
4	JUNE	CH 4 Accounting Ratios	*Meaning of ratio analysis	10	DOCUMENT MAKING
			*Objectives of ratio analysis		
			*Limitations of ratio analysis		
			*Classification of ratio analysis		
5	JULY	CH 5 Cash flow statement	*Meaning of cash flow statement	20	BROCHURE MAKING
			*Objectives of cash flow statement.		
			*Importance or uses of cash flow statement.		
			*Limitations of cash flow statement		
			*Computation and preparation of cash flow statement.		
6	JULY	PART A : Accounting of partnership firms.	* Partnership: features, Partnership Deed.	20	PROJECT OF FIRM
		CH 1 FAUNDAMENTALS	* Provisions of the Indian Partnership Act 1932 in the absence of partnership deed		
			*Fixed v/s fluctuating capital accounts. Preparation of Profit and Loss Appropriation account- division of profit among partners, guarantee of profits.		
			*Past adjustments (relating to interest on capital, interest on drawing, salary and profit sharing ratio).		
			*Goodwill: meaning, nature, factors affecting and methods of valuation - average profit, super profit and capitalization		
7	AUGUST	CH 2 Change in the Profit Sharing Ratio	*sacrificing ratio, gaining ratio, accounting for revaluation of assets and reassessment of liabilities and treatment of reserves, accumulated profits and losses. Preparation of revaluation account and balance sheet.	10	CHART MAKING
8	AUGUST	CH 3 Admission of a partner	*Effect of admission of a partner on change in the profit sharing ratio, treatment of goodwill (as per AS 26), treatment for revaluation of assets and reassessment of liabilities, treatment of reserves, accumulated profits and losses adjustment of capital accounts and preparation of capital, current account and balance sheet	20	
9	SEPTEMBER	CH 4			
		Retirement and death of a partner:	*EFFECT OF retirement / death of a partner on change in profit sharing ratio, treatment of goodwill (as per AS 26), treatment for revaluation of assets and reassessment of liabilities, adjustment of accumulated profits, losses and reserves, adjustment of capital accounts and preparation of capital, current account and balance sheet. Preparation of loan account of the retiring partner.	20	PROJECT FILE
			□ Calculation of deceased partner's share of profit till the date of death. Preparation of deceased partner's capital account and his executor's account		
10	SEPTEMBER	CH 5			
		Dissolution of a partnership firm:	*Meaning of dissolution of partnership and partnership firm, types of dissolution of a firm. Settlement of accounts - preparation of realization account, and other related accounts: capital accounts of partners and cash/bank a/c (excluding piecemeal distribution, sale to a company and insolvency of partner(s))	20	PROJECT FILE
11	OCTOBER	Unit-3 Accounting for Companies	*Features and types of companies.	22	DOCUMENT MAKING
		CH 1	* Share and share capital: nature and types		
		Accounting for Share Capital	*Accounting for share capital: issue and allotment of equity and preferences shares. Public subscription of shares - over subscription and under subscription of shares; issue at par and at premium, calls in advance and arrears (excluding interest), issue of shares for consideration other than cash.		
			*Concept of Private Placement and Employee Stock Option Plan (ESOP), Sweat Equity		
			*Accounting treatment of forfeiture and reissue of shares		
			*Disclosure of share capital in the Balance Sheet of a company.		
12	OCTOBER	CH 2			
		Accounting for Debentures	*Debentures: Meaning, types, Issue of debentures at par, at a premium and at a discount. Issue of debentures for consideration other than cash; Issue of debentures with terms of redemption; debentures as collateral security-concept, interest on debentures (concept of TDS is excluded). Writing off discount / loss on issue of debentures	22	DOCUMENT MAKING

GREENFINGERS GLOBAL SCHOOL KHARGHAR
SYLLABUS REPORT FOR ACADEMIC YEAR 2023-24
CLASS XII BUSINESS STUDIES (054)

SR.NO	MONTH	UNIT	TOPIC-SUB TOPIC	PERIODS	ACTIVITY
1	APRIL	Nature and Significance of Management	*Management - concept, objectives, and importance	12	SLIDE SHOW
			*Management as Science, Art and Profession		
			*Levels of Management		
			*Management functions-planning, organizing, staffing, directing and controlling		
			*Coordination- concept and importance		
2	APRIL	Unit 3: Business Environment	*Business Environment- concept and importance	14	COLLAGE OF ENVIRONMENTAL CHANGES
			*Dimensions of Business Environment - Economic, Social, Technological, Political and Legal		
			*Demonetization - concept and features		
3	JUNE	Unit 2: Principles of Management	*Principles of Management - concept and significance	14	ROLE PLAY
			*Fayol's principles of management		
			*Taylor's Scientific management - principles and techniques		
4	JUNE	Unit 4: Planning	*Planning: Concept, importance and limitation	14	BROCHURE MAKING
			*Planning process		
			*Single use and Standing Plans. Objectives, Strategy, Policy, Procedure, Method, Rule, Budget and Programme		
5	july	Unit 5: Organising	*Organising: Concept and importance	15	DOCUMENT MAKING
			*Organising Process		
			*Structure of organisation- functional and divisional concept.		
			Formal and informal organization - concept		
			*Delegation: concept, elements and importance		
			*Decentralization: concept and importance		
6	JULY	Unit 6: Staffing	*Staffing: Concept and importance of staffing	16	PPT
			*Staffing as a part of Human Resource Management concept		
			*Staffing process		
			*Recruitment process		
			*Selection – process		
			*Training and Development - Concept and importance, Methods of training - on the job and off the job - vestibule training, apprenticeship training and internship training		
7	AUGUST	Unit 7: Directing	*Directing: Concept and importance	15	PPT
			*Elements of Directing		
			*Motivation - concept, Maslow's hierarchy of needs, Financial and non-financial incentives		
			*Leadership - concept, styles - authoritative, democratic and laissez faire		
			*Communication - concept, formal and informal communication; barriers to effective communication, how to overcome the barriers?		
8	AUGUST	Unit 8: Controlling	*Controlling - Concept and importance	12	BROCHURE MAKING
			*Relationship between planning and controlling		
			*Steps in process of control		
9	SEPTEMBER	Unit 9: Financial Management	*Financial Management: Concept, role and objectives	20	COLLAGE OF ARTICLES IN BUSINESS MAGAZINE
			*Financial decisions: investment, financing and dividend - Meaning and factors affecting		
			*Financial Planning - concept and importance		
			*Capital Structure – concept and factors affecting capital structure		
			*Fixed and Working Capital - Concept and factors affecting their requirements		
10	SEPTEMBER	Unit 10: Financial Markets	*Financial Markets: Concept	18	PPT
			*Money Market: Concept		
			*Capital market and its types (primary and secondary)		
			*Stock Exchange - Functions and trading procedure		
			*Securities and Exchange Board of India (SEBI) - objectives and functions		
11	OCTOBER	Unit 11: Marketing	*Marketing – Concept, functions and philosophies	30	BROCHURE OF MARKETING TERMINOLGIES
			*Marketing Mix – Concept and elements		
			*Product – branding, labelling and packaging – Concept		
			*Price - Concept, Factors determining price		
			*Physical Distribution – concept, components and channels of distribution		
			*Promotion – Concept and elements; Advertising, Personal Selling, Sales Promotion and Public Relations		
12	OCTOBER	Unit 12: Consumer Protection	*Consumer Protection: Concept and importance	12	DOCUMENT MAKING
			*The Consumer Protection Act, 2019:		
			*Meaning of consumer		
			Rights and responsibilities of consumers		
			Who can file a complaint?		
			Redressal machinery		
			Remedies available		
			*Consumer awareness - Role of consumer organizations and Non-Governmental Organizations (NGOs)		

		GREENFINGERS GLOBAL SCHOOL, KHARGHAR		
		SYLLABUS REPORT FOR THE ACADEMIC YEAR 2023-24		
		GRADE: XII		
		SUBJECT - ECONOMICS (030)		
MONTH	**UNIT**	**TOPICS / SUB - TOPICS**	**NO. OF PERIODS**	**ACTIVITY**
APRIL /MAY	Unit 2	**Part A: Introductory Macroeconomics** **Money and Banking** Meaning and functions, Money Creation by the Commercial Banking System, Central bank and its functions	12	Collect information on Currency and Central Banks of various countries and key Banking Rates
	Unit 4	**Government Budget and the Economy** Meaning, objectives and components, Types of Budget Deficit	11	Recent Budget Analysis 2023
	Unit 6	Part **B: Indian Economic Development** State of Indian economy on the eve of independence,Common goals of Five Year Plans. Main features, problems and policies of agriculture, industry and foreign trade.	6	Discussion on NITI Aayog (role and importance)
JUNE	Unit 5	**Balance of Payments** Balance of payments account - meaning and components; Surplus and Deficit	6	India's BOP Account from Economic Survey of India
		Foreign exchange rate - Meaning, Merits and demerits of fixed and flexible rates and managed floating, Determination of exchange rate in a free market	8	
	Unit 1	**National Income and Related Aggregates** What is Macroeconomics? Basic concepts, Circular flow of income, Aggregates related to National Income, Real and Nominal GDP; GDP and Welfare	22	Mind map of methods of national income calculation, **Roleplay**
JULY	Unit 6	Economic Reforms since 1991: Features and appraisal of Liberalisation, Globalisation and Privatisation (LPG policy); Demonetization and GST	6	**Globalisation - doodle art, Collage of logos of Foreign Banks, MNCs**
JULY/ AUGUST	Unit 3	**Determination of Income and Employment** Aggregate demand and its components, Short-run equilibrium output; investment multiplier, Problems and measures of excess demand and deficient demand	18	Recent Monetary and Fiscal Policy
	Unit 7	**Current challenges facing Indian Economy** **Human Capital Formation:** How people become resource; Role of human capital in economic development; Growth of Education Sector in India	7	Employment newspaper and Employment Exchange
SEPTEMBER		**Rural development:** Key issues - credit and marketing - role of cooperatives; agricultural diversification; alternative farming - organic farming	6	**Single Window - Brochure Making**
OCTOBER	Unit 7	**Employment:** Growth and changes in work force participation rate in formal and informal sectors; problems and policies	5	
		Sustainable Economic Development: Meaning, Effects of Economic Development on Resources and Environment, including global warming	5	Presentation on Sustainable Development Goals
	Unit 8	**Development Experience of India: A comparison with neighbours** Pakistan India and China Issues: economic growth, population, sectoral development and other Human Development Indicators	6	To collect recent data on key economic and social indicators

	GREENFINGERS GLOBAL SCHOOL,KHARGHAR			
	SYLLABUS REPORT FOR THE ACADEMIC YEAR 2023-2024			
	GRADE:XII			
	SUBJECT:COMPUTER SCIENCE(083)			
MONTH	UNIT	TOPICS / SUB-TOPIC	NO OF PERIODS	ACTIVITY
APRIL	UNIT - 1 COMPUTATIONAL THINKING AND PROGRAMMING-2	REVIEW OF PYTHON BASICS- I	24	1.INSTALLATION OF PYTHON SOFTWARE 2.DEMONSTRATION OF PYTHON PROGRAMMING
MAY	UNIT - 1 COMPUTATIONAL THINKING AND PROGRAMMING-2	REVIEW OF PYTHON BASICS- II	7	DEMONSTRATION OF PYTHON PROGRAMMING
JUNE	UNIT - 1 COMPUTATIONAL THINKING AND PROGRAMMING-2	FUNCTIONS	16	1. DEMONSTRATION OF PYTHON PROGRAMMING WITH DIFERENT TYPES OF FUNCTIONS. 2.STUDY AND USE OF VARIOUS MEDIA AND TECHNIQUES TO THE EXTENT OF THEIR AVAILABILITY(ART INTEGRATION).
		USING PYTHON LIBRARIES	12	TO CREATE MODULE FOR SOFTWARE DEVELOPMENT
JULY	UNIT - 1 COMPUTATIONAL THINKING AND PROGRAMMING-2	DATA FILE HANDLING	16	GROUP DISCUSSION
		DATA STRUCTURES IN PYTHON	8	PPT PRESENTATION
AUGUST	UNIT - 2 COMPUTER NETWORKS	COMPUTER NETWORKS	26	DEBATE COMPETITION
SEPTEMBER	UNIT - 3 DATABASE MANAGEMENT	RELATIONAL DATABASE & SQL	24	INSTALLATION OF MYSQL SERVER 2008.HOW TO CHANGE DATA WITH DML COMMANDS USING SQL SERVER 2008
OCTOBER	UNIT - 3 DATABASE MANAGEMENT	INTERFACE PYTHON WITH SQL	20	DEMONSTRATION OF SQL QUERIES

XII STANDARD MATH SPLIT-UP SYLLABUS 2023-24 (041)			
Month	No. of Periods	Units/Sub Units to be taught	Acivity
April	15 5	**Unit-II Algebra (10) Marks** **3) Matrices** Concept, notation, order, equality, types of matrices, zero and identity matrix, transpose of a matrix, symmetric and skew symmetric matrices. Operation on matrices: Addition and multiplication and multiplication with a scalar. Simple properties of addition, multiplication and scalar multiplication. Non- commutativity of multiplication of matrices and existence of non-zero matrices whose product is the zero matrix (restrict to square matrices of order 2). Invertible matrices and proof of the uniqueness of inverse, if it exists; (Here all matrices will have real entries). **4) Determinants** Determinant of a square matrix (up to 3 x 3 matrices), minors, co-factors and applications of determinants in finding the area of a triangle. Adjoint and inverse of a square matrix. Consistency, inconsistency and number of solutions of system of linear equations by examples, solving system of linear equations in two or three variables (having unique solution) using inverse of a matrix.	**Art Integrated activity on matrix**
April - May June	15 05 10	**Unit-I (8) Marks** **1) Relations and Functions** Types of relations: reflexive, symmetric, transitive and equivalence relations. One to one and onto functions. **2) Inverse Trigonometric Functions** Definition, range, domain, principal value branch. Graphs of inverse trigonometric functions. **Unit-III Calculus (35) Marks** **5) Continuity and Differentiability** Continuity and differentiability, derivative of composite functions, chain rule, derivative of inverse trigonometric functions, derivative of implicit functions. Concept of exponential and logarithmic functions. Derivatives of logarithmic and exponential functions.Logarithmic differentiation, derivative of functions expressed in parametric forms. Second order derivatives.	**A2** **(Relations)** **A3** **(Functions)**
July	10	**6) Application of Derivatives** Applications of derivatives: rate of change of bodies, increasing/decreasing functions, maxima and minima (first derivative test motivated geometrically and second derivative test given as a provable tool). Simple problems (that illustrate basic principles and understanding of the subject as well as real-life situations)	**A9** **(Continuity)**
	20	**7) Integrals** Integration as inverse process of differentiation.Integration of a variety of functions by substitution, by partial fractions and by parts, Evaluation of simple integrals and problems based on them. Fundamental Theorem of Calculus (without proof).Basic properties of definite integrals and evaluation of definite integrals.	**A13** **(Increasing and Decreasing)**
August	15 15	**8) Applications of Integrals** Applications in finding the area under simple curves, especially lines, circles/ parabolas/ellipses (in standard form only). **9) Differential Equations** Definition, order and degree, general and particular solutions of a differential equation.Solution of differential equations by method of separation of variables, solutions of homogeneous differential equations of first order and first degree. Solutions of linear differential.	**A14** **(Local Maxima and Local Minima)**
September	8 15	**Unit-IV (14) Marks** **10) Vector Algebra** Vectors and scalars, magnitude and direction of a vector.Direction cosines and direction ratios of a vector. Types of vectors (equal, unit, zero, parallel and collinear vectors), position vector of a point, negative of a vector, components of a vector, addition of vectors, multiplication of a vector by a scalar, position vector of a point dividing a line segment in a given ratio. Definition, Geometrical Interpretation, properties and application of scalar (dot) product of vectors, vector (cross) product of vectors. **11) 3D Geometry** Direction cosines and direction ratios of a line joining two points.Cartesian equation and vector equation of a line, coplanar and skew lines, shortest distance between two lines. Angle between two lines	**A16** **(Maxima and Minima)** **A18** **A21** **(Vector)** **A22**
October	10 10	**Unit-V (5) Marks** **12) Linear programming** Introduction, related terminology such as constraints, objective function, optimization, different types of linear programming (L.P.) problems, mathematical formulation of L.P. problems, graphical method of solution for problems in two variables, feasible and infeasible regions (bounded or unbounded), feasible and infeasible solutions, optimal feasible solutions (up to three non-trivial constraints). **Unit-VI (8) Marks** **13) Probability** Conditional probability, multiplication theorem on probability, independent events, total probability, Bayes' theorem, Random variable and its probability distribution, mean of random variable.	**A27** **(Probability)**
November		**Revision and 1st Pre-Board**	
December		**Revision and 2nd Pre-Board**	

			CLASS XII	
			PHYSICAL EDUCATION SYLLABUS 2023-2024	
SrN	Month	Unit	Topics	Practicals
1	March	1	**Unit-I:Changing Trends & Career in Physical Education**	
			• Meaning & Objectives of Planning	Practical-1: Fitness Tests
			• Various Committees & its Responsibilities	Pull Ups ,SBJ
			• Tournament	Flexed Leg Situps
			• Procedure To Draw Fixtures	Shuttle Run ,600 Yard Run.
			• Intramural & Extramural	Journal Part I
			• Specific Sports Programme	Warm up & Limbering Down
		2	**Unit-II: Sports & Nutrition**	Athletics Running
			Nutrients	
			• Nutritive & Non-Nutritive Components Of Diet	Skipping
			The Pitfalls Of Dieting, Food Intolerance & Food	Aerobics
			& meal intake, pre, during & post competition)	Throwing Events
			• Food supplement for children	
2	April	3	**Unit-III: Yoga & Lifestyle**	Yogasana:
			• Asanas as preventive measures	Standing Asana,
			for Vajrasana, Hastasana, Trikonasana, Ardh	Item Test on 10 students.
			for Bhujangasana, Paschimottasana, Pavan	
			Muktasana, Ardh Matsyendrasana	
			for Sukhasana, Chakrasana, Gomukhasana,	
			Matsyasana	
			Muktasana, Ardha Chakrasana, Bhujangasana,	
			Vakrasana, Shalabhasana, Bhujangasana	
		4	**(Children With Special Needs - Divyang)**	
			• Concept of Disability & Disorder	
			disability, intellectual disability, physical disability)	Yogasana:
			• Types of Disorder, its cause & nature	Supine position Asanas.
			• Disability Etiquettes	Asanas, Benefits &
			• Advantage of Physical Activities for CWSN	

			CWSN	
3	June	5	**Unit-V: Children & Women in Sports**	
			• Motor development & factors affecting it	
			& Development	Fitness Test
			Foot; Round Shoulders; Lordosis, Kyphosis, Bow	Ball handling skills & Drills
			• Sports participation of women in India	HandBall,Basketball
			Disfunction)	Senior Citizen test
			• Female Athletes Triad	
4	July	6	**Unit-VI: Test & Measurement in Sports**	
			• Computation of Fat Percentage -	selected Team Game:
			Slaughter – Lohman Children Skinfold Formula:	Handball, Hockey, Kho
			Triceps & Calf Skinfold	Conduct Barrow 3 Item Test
			Weber Test	administration for all items
			• Motor Fitness Test – AAPHER	Dash or Sprint
			general motor ability (Standing Broad Jump, Zig	
			• Measurement of Cardio Vascular Fitness	Senior Citizen Fitness Test
			• Computation of Fitness Index	
			• Rikli & Jones - Senior Citizen Fitness Test	
5	August	7	**Unit-VII:Physiology & Injuries in Sports**	Practical-5
			• Physiological factor	
			•Effect of exercise- Cardio Respiratory System	
			• Effect of exercise on Muscular System	
			• Physiological changes due to ageing	
			• Sports injuries: Classification	
			•Contusion, Laceration, Incision,Sprain & Strain)	
			•Injuries:	
			Fractures.	
			Prevention & treatment.	
			First Aid - Aims & Objectives	
			• Effect of exercise on Muscular System	
			• Physiological changes due to ageing	
			maintaining functional fitness in aged population	
6	Sept	8	**Unit-VII: Biomechanics & Sports**	

			•Biomechanics in Sports	Athletics Performance
			• Types of movements	Athletics: Running
			& Adduction)	
			• Newton's Law of Motion & its application in sports	
			• Friction & Sports	
		9	**Unit-IX: Psychology & Sports**	
			• Personality;	
			& Jung Classification) & Big Five Theory.	
			• Motivation, its type & techniques	
			• Exercise Adherence	
			• Strategies for Enhancing Adherence to Exercise	
			•Aggressions in Sports	
7	Oct	10	**Unit-X: Training in Sports**	
			• Understanding Stress & Coping Strategies.	
			• Personality; its definition & types	Handball, Hockey, Kho
			• Motivation, its type & techniques	Basketball (Differently- Abled
			• Self-esteem & Body Image	
			• Psychological benefits of exercise	
			Sports	
		12	**Unit-XII: Training in Sports**	
			• Strength	Circuit Training.
			• Endurance	Basketball Backward Throw.
			Training & Fartlek Training	
			• Speed	
			improve flexibility	
			• Coordinative Abilities - Definition & types	
			• Circuit Training - Introduction & its importance	
9	Nov		Revision.	