

JABRIYA INDIAN SCHOOL, KUWAIT
COURSE COMPLETION AND DIVISION OF SYLLABUS

Class: **XII** Subject: **English Core (301) 2022-2023**

REFERENCE BOOK: Flamingo and Vistas			
UNIT	DURATION OF COMPLETION OF SYLLABUS	INSTRUCTIONAL DAYS	TOPICS / LESSONS DETAILS
1	05.04.22- 07.04.22	3	Short writing -Notice Writing Flamingo-The Last Lesson(Prose)
	10.04.22-14.04.22	5	Flamingo-The Last Lesson(Prose) Essential Grammar Lessons
	18.04.22-21.04.22	4	Flaming-Keeping Quite(Poetry) Short writing-Advertisements
	24.04.22-28.04.22	5	Vistas –The Enemy(Prose)
	08.05.22-12.05.22	5	Vistas –The Enemy(Prose Long writing –Letter to The Editor
	15.05.22-19.05.22	5	Flamingo- My Mother at Sixty six (Poetry)
	22.05.22-26.05.22	5	Revision for Periodic I exam
	29.05.22-02.06.22	5	Vistas-The Tiger King (Prose)
PERIODIC TERM – 1 EXAM			
2	05.06.22-9.06.22	5	Short writing- Formal invitation and Reply Reading Practice -Unseen passages
	28.08.22-31.08.22	4	Flamingo-Lost Spring(Prose)
	01.09.22-07.09.22	5	Flamingo- A thing Of Beauty (Poetry) Long Writing-Job Application
	11.09.22-15.09.22	5	Vistas-The Third Level (Prose)
	18.09.22-22.09.22	5	Vistas-The Third Level (Prose) Grammar –Formal Writing Tips
	25.09.22-29.09.22	5	Flamingo-Deep Water (Prose)
	02.10.22-06.10.22	5	REVISION FOR HALF YEARLY EXAM AND PROJECT SUBMISSIONS AND VERIFICATION
	HALF YEARLY EXAMINATION (09.10.22- 31.10.22)		
3	01.11.22-03.11.22	3	Vistas- A Journey to the end of the Earth (Prose)
	06.11.22-10.11.22	5	Flamingo-The Rat Trap (Prose)
	13.11.22-17.11.22	5	Flamingo- A Roadside Stand(Poetry) Vistas-Memories Of Childhood (Prose)
	20.11.22-24.11.22	5	Flamingo-The Indigo (Prose) Flamingo-Poets and Pancakes
	27.11.22-30.11.22	4	Flamingo-Aunt Jenifer’s Tiger (Poetry) Grammar
4	01.12.22-08.12.22	6	Flamingo-Going Places (Prose) Vistas- On The Face of It
	11.12.22-15.12.22	5	Flamingo –The Interview(Prose) Flamingo-Going Places (Prose)
	18.12.22-22.12.22	5	Pre-Board I Practical Examination
	WINTER BREAK		
	02.1.23-05.11.23	4	Revision for Pre-board I Examination

	08.1.23-12.1.23	5	Pre-Board -1 Examination
	15.1.23-19.1.23	5	Pre-Board -1 Examination
	BOARD PRACTICAL EXAMINATION II EXAM ((22.01.23-29.01.23)		
	30.01.23-31.01.23	2	REMEDIAL CLASSES
	01.02.23-09.02.23	7	PRE-BOARD – 2 EXAMINATION
	12.02.23-16.02.23	5	PRACTICE FOR VALEDICTORY FUNCTION
	20.02.23-23.02.23	4	PREPARATORY HOLIDAY FOR CBSE BOARD EXAM
	CBSE BOARD EXAMINATION (MARCH 2023)		

Principal

JABRIYA INDIAN SCHOOL, KUWAIT
COURSE COMPLETION AND DIVISION OF SYLLABUS

Class: **XII** Subject: **PHYSICS (2022-2023)**

REFERENCE BOOK: NCERT READER			
UNIT	DURATION OF COMPLETION OF SYLLABUS	INSTRUCTIONAL DAYS	TOPICS / LESSONS DETAILS
1	05.04.22- 07.04.22	3	DUAL NATURE OF MATTER & RADIATIONS
	10.04.22-14.04.22	5	DUAL NATURE OF MATTER & RADIATIONS
	18.04.22-21.04.22	4	SEMICONDUCTOR PHYSICS
	24.04.22-28.04.22	5	SEMICONDUCTOR PHYSICS
	08.05.22-12.05.22	5	SEMICONDUCTOR PHYSICS
	15.05.22-19.05.22	5	NUCLEUS
	22.05.22-26.05.22	5	NUCLEUS
	29.05.22-02.05.22	5	ATOMS
PERIODIC I EXAM (26.05.22 – 05.06.22)			
2	05.06.22-9.06.22	5	RAY OPTICS
	28.08.22-31.08.22	4	RAY OPTICS
	01.09.22-07.09.22	5	WAVE OPTICS
	11.09.22-15.09.22	5	WAVE OPTICS
	18.09.22-22.09.22	5	EMWAVES EMI
	25.09.22-29.09.22	5	EMI AC
02.10.22-06.10.22	5	AC	
HALF YEARLY EXAMINATION (09.10.22- 31.10.22)			
3	01.11.22-03.11.22	3	ELECTRIC CHARGES & FIELDS
	06.11.22-10.04.22	5	ELECTRIC CHARGES & FIELDS
	13.11.22-17.11.22	5	ELECTRIC POTENTIAL
	20.11.22-24.11.22	5	ELECTRIC POTENTIAL
	27.11.22-30.11.22	4	CURRENT ELECTRICITY
4	01.12.22-08.11.22	6	CURRENT ELECTRICITY MAGNETISM
	11.12.22-15.12.22	5	MAGNETIC EFFECTS OF ELECTRIC CURRENT

18.12.22-22.12.22	5	Pre-Board 1 Practical Examination
WINTER BREAK		
02.1.23-05.11.23	4	Revision for Pre-board 1 Examination
08.1.23-12.1.23	5	Pre-Board -1 Examination
15.1.23-19.1.23	5	Pre-Board -1 Examination
BOARD PRACTICAL EXAMINATION II EXAM ((22.01.23-29.01.23)		
30.01.23-31.01.23	2	REMEDIAL CLASSES
01.02.23-09.02.23	7	PRE-BOARD – 2 EXAMINATION
12.02.23-16.02.23	5	PRACTICE FOR VALEDICTORY FUNCTION
20.02.23-23.02.23	4	PREPARATORY HOLIDAY FOR CBSE BOARD EXAM
CBSE BOARD EXAMINATION (MARCH 2023)		

Principal

JABRIYA INDIAN SCHOOL, KUWAIT
COURSE COMPLETION AND DIVISION OF SYLLABUS

Class: **XII** Subject: **CHEMISTRY** 2022-2023

REFERENCE BOOK:			
UNIT	DURATION OF COMPLETION OF SYLLABUS	INSTRUCTIONAL DAYS	TOPICS / LESSONS DETAILS
1	05.04.22- 07.04.22	3	Chapter 2 Solutions
	10.04.22-14.04.22	5	Solutions(continuation)
	18.04.22-21.04.22	4	Solutions(continuation)
	24.04.22-28.04.22	5	Chapter 3 Electrochemistry
2	08.05.22-12.05.22	5	Electrochemistry(continuation)
	15.05.22-19.05.22	5	Electrochemistry(continuation)
	22.05.22-26.05.22	5	Chapter 4 Chemical kinetics
	29.05.22-30.05.22	2	Chemical Kinetics(continuation)
PERIODIC I EXAM (26.05.22 – 05.06.22)			
3	08.06.22-9.06.22	2	Chemical Kinetics(continuation)
	28.08.22-31.08.22	4	Chapter 8 d and f block elements
4	01.09.22-07.09.22	5	d and f block elements(continuation)
	11.09.22-15.09.22	5	Chapter 9 Coordination compounds
	18.09.22-22.09.22	5	Coordination compounds(continuation)
	25.09.22-29.09.22	5	Coordination compounds(continuation)
5	02.10.22-06.10.22	5	Chapter 10 Haloalkanes and Haloarenes
HALF YEARLY EXAMINATION (09.10.22- 31.10.22)			
6	01.11.22-03.11.22	3	Haloalkanes and Haloarenes
	06.11.22-10.11.22	5	Haloalkanes and Haloarenes(continuation)
	13.11.22-17.11.22	5	Chapter 11 Alcohols Phenols Ethers
	20.11.22-24.11.22	5	Alcohols Phenols Ethers(continuation)
	27.11.22-30.11.22	4	Chapter 12 Aldehydes Ketones and Carboxylic Acids
7	01.12.22-08.12.22	6	Aldehydes Ketones and Carboxylic Acids(Continuation)
	11.12.22-15.12.22	5	Chapter 13 Amines
	18.12.22-22.12.22	5	Amines(continuation)
WINTER BREAK			
8	02.1.23-05.1.23	4	Amines(continuation)
	08.1.23-12.1.23	5	Revision
	15.1.23-19.1.23	5	Pre-Board -1 Examination
BOARD PRACTICAL EXAMINATION II EXAM ((22.01.23-29.01.23)			

UNIT	DURATION OF COMPLETION OF SYLLABUS	TOPICS / LESSONS DETAILS
9	30.01.23-31.01.23	Solving reader questions Remedial class
10	01.02.23-09.02.23	Revision (Worksheets)
	12.02.23-16.02.23	Revision
	20.02.23-23.02.23	Revision
CBSE BOARD EXAMINATION (MARCH 2023)		

Principal

JABRIYA INDIAN SCHOOL, KUWAIT
COURSE COMPLETION AND DIVISION OF SYLLABUS

Class: 12A Subject: BIOLOGY 2022-2023

REFERENCE BOOK: NCERT TEXT BOOK AND X am idea			
UNIT	DURATION OF COMPLETION OF SYLLABUS	INSTRUC TIONAL DAYS	TOPICS / LESSONS DETAILS
1	05.04.22- 07.04.22	3	Chapter 2- Sexual reproduction in flowering plants Flower structure; development of male and female gametophytes; pollination - types, agencies and examples; out breeding devices; pollen-pistil interaction; double fertilization; post fertilization events - development of endosperm and embryo, development of seed and formation of fruit; special modes- apomixis, parthenocarpy, polyembryony; Significance of seed dispersal and fruit formation.
	10.04.22-14.04.22	5	Chapter 2- continue
	18.04.22-21.04.22	4	Chapter 3- Human reproduction Male and female reproductive systems; microscopic anatomy of testis and ovary; gametogenesis spermatogenesis and oogenesis; menstrual cycle; fertilisation, embryo development upto blastocyst formation, implantation; pregnancy and placenta formation (elementary idea); parturition (elementary idea); lactation (elementary idea).
	24.04.22-28.04.22	5	Chapter 3 -continue
2	08.05.22-12.05.22	5	Chapter 4- Reproductive health Need for reproductive health and prevention of Sexually Transmitted Diseases (STDs); birth control - need and methods, contraception and medical termination of pregnancy (MTP); amniocentesis; infertility and assisted reproductive technologies - IVF, ZIFT, GIFT (elementary idea for general awareness).
	15.05.22-19.05.22	5	Chapter 5- Principles of Inheritance and Variation Mendelian inheritance; deviations from Mendelism – incomplete dominance, co-dominance, multiple alleles and inheritance of blood groups, pleiotropy; elementary idea of polygenic inheritance; chromosome theory of inheritance; chromosomes and genes; Sex determination - in humans, birds and honey bee; linkage and crossing over; sex linked inheritance - haemophilia, colour blindness; Mendelian disorders in humans - thalassemia; chromosomal disorders in humans; Down's syndrome, Turner's and Klinefelter's syndromes.
	22.05.22-26.05.22	5	Chapter 6- Molecular basis of inheritance Search for genetic material and DNA as genetic material; Structure of DNA and RNA; DNA packaging; DNA replication; Central Dogma; transcription, genetic code, translation genetic expression and regulation - lac operon; Genome, Human and rice genome projects; DNA fingerprinting.
	29.05.22-30.05.22	2	Revision
PERIODIC I EXAM (26.05.22 – 05.06.22)			
3	08.06.22-9.06.22	2	Project and Record
4	28.08.22-31.08.22	4	Chapter 6- Molecular basis of inheritance Search for genetic material and DNA as genetic material; Structure of DNA and RNA; DNA packaging; DNA replication; Central Dogma; transcription, genetic code, translation genetic expression and regulation - lac operon; Genome, Human and rice genome projects; DNA fingerprinting.
	01.09.22-07.09.22	5	Chapter 7 – Evolution Origin of life; biological evolution and evidences for biological evolution

			(paleontology, comparative anatomy, embryology and molecular evidences); Darwin's contribution, modern synthetic theory of evolution; mechanism of evolution - variation (mutation and recombination) and natural selection with examples, types of natural selection; Gene flow and genetic drift; Hardy - Weinberg's principle; adaptive radiation; human evolution
	11.09.22-15.09.22	5	Chapter 8- Human health and diseases Pathogens; parasites causing human diseases (malaria, dengue, chikungunya, filariasis, ascariasis, typhoid, pneumonia, common cold, amoebiasis, ring worm) and their control; Basic concepts of immunology - vaccines; cancer, HIV and AIDS; Adolescence - drug and alcohol abuse
	18.09.22-22.09.22	5	Chapter-10: Microbes in Human Welfare Microbes in food processing, industrial production, sewage treatment, energy generation and microbes as bio-control agents and bio-fertilizers. Antibiotics; production and judicious use
	25.09.22-29.09.22	5	Revision in chapter 3 and 4
5	02.10.22-06.10.22	5	Revision for half yearly
	HALF YEARLY EXAMINATION (09.10.22- 31.10.22)		
6	01.11.22-03.11.22	3	Chapter 12 – Biotechnology and its applications Application of biotechnology in health and agriculture: Human insulin and vaccine production, stem cell technology, gene therapy; genetically modified organisms - Bt crops; transgenic animals; biosafety issues, biopiracy and patents
	06.11.22-10.04.22	5	Chapter 13- Organisms and populations Population interactions - mutualism, competition, predation, parasitism; growth, birth rate and death rate, age distribution. (Topics excluded: Organism and its Environment, Major Abiotic Factors, Responses to Abiotic Factors, Adaptations)
	13.11.22-17.11.22	5	Chapter 14- Ecosystem Ecosystems: Patterns, components; productivity and decomposition; energy flow; pyramids of number, biomass, energy (Topics excluded: Ecological Succession and Nutrient Cycles)
	20.11.22-24.11.22	5	Chapter 15- Biodiversity and conservation Biodiversity-Concept, patterns, importance; loss of biodiversity; biodiversity conservation; hotspots, endangered organisms, extinction, Red Data Book, Sacred Groves, biosphere reserves, national parks, wildlife, sanctuaries and Ramsar sites.
	27.11.22-30.11.22	4	Chapter 11- Biotechnology: Principles and processes Genetic Engineering (Recombinant DNA Technology).
7	01.12.22-08.11.22	6	Biology project submission and verification
	11.12.22-15.12.22	5	Practical record submission and verification
	18.12.22-22.12.22	5	Pre-Board 1 Practical examination
	WINTER BREAK		
8	02.1.23-05.11.23	4	Revision for pre-Board examination
	08.1.23-12.1.23	5	Pre-Board 1 Examination
	15.1.23-19.1.23	5	Pre-Board 1 Examination continue
	Board Practical Examination (22.01.23-29.01.23)		
9	30.01.23-31.01.23	2	Remedial classes
10	01.02.23-09.02.23	7	Pre-Board 2 Examination
	12.02.23-16.02.23	5	Practice for valedictory function
	20.02.23-23.02.23	4	Preparatory holidays for CBSE Board Exam
CBSE BOARD EXAMINATION (MARCH 2023)			

JABRIYA INDIAN SCHOOL, KUWAIT
COURSE COMPLETION AND DIVISION OF SYLLABUS
Class: XII Subject: Informatics Practices (065) 2022-2023

REFERENCE BOOK: <u>Informatics Practices by Sumita Arora</u>			
UNIT	DURATION OF COMPLETION OF SYLLABUS	INSTRUCTIONAL DAYS	TOPICS / LESSONS DETAILS
1	05.04.22- 07.04.22	3	Prerequisite of class 11 (Fundamentals of Python)
	10.04.22-14.04.22	5	Unit I:Data Handling Using Pandas Introduction – Python Libraries on Pandas and Mathplotlib Features of Pandas Why Pandas is a Data Science?
	18.04.22-21.04.22	4	Data Structures in Pandas Data Series and Frames
	24.04.22-28.04.22	5	Creation of Series : creation from ndarray, dictionary, scalar value; mathematical operations; Head and Tail functions; Selection, Indexing and Slicing. Functions and parameters using Series
	08.05.22-12.05.22	5	Creation of Data Frames : creation from dictionary of Series, list of dictionaries, Text/CSV files; display; Indexing using Labels, Boolean Indexing;
	15.05.22-19.05.22	5	Operations on rows and columns: add, select, delete, rename; Head and Tail functions; iteration
	22.05.22-26.05.22	5	Revision for Periodic I exam
	29.05.22-02.05.22	5	Database Connectivity with Python; Importing and Exporting Data between, Python and MySQL
PERIODIC I EXAM (26.05.22 – 05.06.22)			
2	05.06.22-9.06.22	5	Project & synopsis creation: Analysis, Design , Coding, Debugging, document
	28.08.22-31.08.22	4	Importing/Exporting Data between CSV files and Data Frames.
	01.09.22-07.09.22	5	Data Visualization Purpose of plotting; drawing and saving following types of plots using Matplotlib
	11.09.22-15.09.22	5	Python coding using line plot, bar graph, histogram Customizing plots: adding label, title, and legend in plots.
	18.09.22-22.09.22	5	Unit 2: Database Query using SQL Math functions: POWER (), ROUND (), MOD (), TRUNCATE(), SQRT(), SIGN() Text functions: UCASE ()/UPPER (), LCASE ()/LOWER (), MID ()/SUBSTRING ()/SUBSTR (), LENGTH (), LEFT (), RIGHT (), INSTR (), LTRIM (), RTRIM (), TRIM ().
	25.09.22-29.09.22	5	Date Functions: NOW (), DATE (), MONTH (), MONTHNAME (), YEAR (), DAY (), DAYNAME ()

UNIT	DURATION OF COMPLETION OF SYLLABUS	INSTRUCTIONAL DAYS	TOPICS / LESSONS DETAILS
	02.10.22-06.10.22	5	REVISION FOR HALF YEARLY EXAM AND PROJECT SUBMISSIONS AND VERIFICATION
HALF YEARLY EXAMINATION (09.10.22- 31.10.22)			
3	01.11.22-03.11.22	3	Unit 3: Introduction to Computer Networks Introduction to networks, Types of network: LAN, MAN, WAN.
	06.11.22-10.04.22	5	Network Devices: modem, hub, switch, repeater, router, gateway Network Topologies: Star, Bus, Tree, Mesh.
	13.11.22-17.11.22	5	Introduction to Internet, URL, WWW, and its applications- Web, email, Chat, VoIP.
	20.11.22-24.11.22	5	Website: Introduction, difference between a website and webpage, static vs dynamic web page, web server and hosting of a website.
	27.11.22-30.11.22	4	Web Browsers: Introduction, commonly used browsers, browser settings, add-ons and plug-ins, cookies.
4	01.12.22-08.11.22	6	Unit 4: Societal Impacts Digital footprint, net and communication etiquettes, data protection, intellectual property rights (IPR), plagiarism, licensing and copyright, free and open source software (FOSS), cybercrime and cyber laws, hacking, phishing, cyber bullying, overview of Indian IT Act.
	11.12.22-15.12.22	5	E-waste: hazards and management. Awareness about health concerns related to the usage of technology
	18.12.22-22.12.22	5	Pre-Board 1 Practical Examination
	WINTER BREAK		
	02.1.23-05.11.23	4	Revision for Pre-board 1 Examination
	08.1.23-12.1.23	5	Pre-Board -1 Examination
	15.1.23-19.1.23	5	Pre-Board -1 Examination
BOARD PRACTICAL EXAMINATION II EXAM ((22.01.23-29.01.23)			
	30.01.23-31.01.23	2	REMEDIAL CLASSES
	01.02.23-09.02.23	7	PRE-BOARD – 2 EXAMINATION
	12.02.23-16.02.23	5	PRACTICE FOR VALEDICTORY FUNCTION
	20.02.23-23.02.23	4	PREPARATORY HOLIDAY FOR CBSE BOARD EXAM
CBSE BOARD EXAMINATION (MARCH 2023)			

Principal

JABRIYA INDIAN SCHOOL, KUWAIT
COURSE COMPLETION AND DIVISION OF SYLLABUS

Class: **XII** Subject: **Mathematics(041) 2022-2023**

REFERENCE BOOK: Mathematics Part 1-text book for class XII, NCERT publication Mathematics Part II-text book for class XII, NCERT publication			
UNIT	DURATION OF COMPLETION OF SYLLABUS	INSTRUCTIONAL DAYS	TOPICS / LESSONS DETAILS
1	05.04.22- 07.04.22	3	Unit-I: Relations and Functions 1.Relations and Functions
	10.04.22-14.04.22	5	Types of relations: reflexive, symmetric, transitive and equivalence relations.
	18.04.22-21.04.22	4	One to one and onto functions
	24.04.22-28.04.22	5	2.Inverse Trigonometric Functions Definition, range, domain, principal value branch. Graphs of inverse trigonometric functions.
2	08.05.22-12.05.22	5	Unit-II: Algebra 1.Matrices Concept, notation, order, equality, types of matrices, zero and identity matrix
	15.05.22-19.05.22	5	Operation on matrices: Addition and multiplication and multiplication with a scalar. Simple properties of addition, multiplication and scalar multiplication. Noncommutativity of multiplication of matrices and existence of non-zero matrices whose product is the zero matrix (restrict to square matrices of order 2).
	22.05.22-26.05.22	5	Revision for Periodic I exam
	29.05.22-02.05.22	5	2. 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.
	PERIODIC I EXAM (26.05.22 – 05.06.22)		
3	05.06.22-9.06.22	5	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.
	28.08.22-31.08.22	4	Unit-III: Calculus 1.Continuity and Differentiability Continuity and differentiability, chain rule, derivative of inverse trigonometric functions, <i>like</i> $\sin^{-1} x$, $\cos^{-1} x$ and $\tan^{-1} x$, derivative of implicit functions. Concept of exponential and logarithmic function.
	01.09.22-07.09.22	5	Derivatives of logarithmic and exponential functions. Logarithmic differentiation, derivative of functions expressed in parametric forms. Second order derivatives
	11.09.22-15.09.22	5	2. Applications 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).
	18.09.22-22.09.22	5	3. 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.
	25.09.22-29.09.22	5	Fundamental Theorem of Calculus (without proof). Basic properties of definite integrals and evaluation of definite integrals.
	02.10.22-06.10.22	5	REVISION FOR HALF YEARLY EXAM AND PROJECT SUBMISSIONS AND VERIFICATION
HALF YEARLY EXAMINATION (09.10.22- 31.10.22)			
4	01.11.22-03.11.22	3	4. Applications of the Integrals Applications in finding the area under simple curves, especially lines, circles/ parabolas/ellipses (in standard form only)
	06.11.22-10.11.22	5	5. 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.
	13.11.22-17.11.22	5	Unit-IV: Vectors and Three-Dimensional Geometry 1. Vectors 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.
	20.11.22-24.11.22	5	2. Three - dimensional Geometry Direction cosines and direction ratios of a line joining two points. Cartesian equation and vector equation of a line, skew lines, shortest distance between two lines. Angle between two lines.
5	27.11.22-30.11.22	4	Unit-V: Linear Programming 1. Linear Programming Introduction, related terminology such as constraints, objective function, optimization, 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).
6	01.12.22-08.11.22	6	Unit-VI: Probability 1. Probability Conditional probability, multiplication theorem on probability, independent events, total probability,
	11.12.22-15.12.22	5	Bayes' theorem, Random variable and its probability distribution, mean of random variable
	18.12.22-22.12.22	5	Pre-Board 1 Practical Examination
WINTER BREAK			
	02.1.23-05.11.23	4	Revision for Pre-board 1 Examination

	08.1.23-12.1.23	5	Pre-Board -1 Examination
	15.1.23-19.1.23	5	Pre-Board -1 Examination
	BOARD PRACTICAL EXAMINATION II EXAM ((22.01.23-29.01.23)		
	30.01.23-31.01.23	2	REMEDIAL CLASSES
	01.02.23-09.02.23	7	PRE-BOARD – 2 EXAMINATION
	12.02.23-16.02.23	5	PRACTICE FOR VALEDICTORY FUNCTION
	20.02.23-23.02.23	4	PREPARATORY HOLIDAY FOR CBSE BOARD EXAM
	CBSE BOARD EXAMINATION (MARCH 2023)		

Principal

JABRIYA INDIAN SCHOOL, KUWAIT
COURSE COMPLETION AND DIVISION OF SYLLABUS

Class: **XII** Subject: **Entrepreneurship (066) 2022-2023**

REFERENCE BOOK: NCERT Reader			
UNIT	DURATION OF COMPLETION OF SYLLABUS	INSTRUCTIONAL DAYS	TOPICS / LESSONS DETAILS
1	05.04.22- 07.04.22	3	Unit 1: Entrepreneurial Opportunity Sensing Entrepreneurial Opportunities Environment Scanning Problem Identification
	10.04.22-14.04.22	5	Idea fields Spotting Trends Creativity and Innovation Selecting the Right Opportunity
	18.04.22-21.04.22	4	Unit 2: Entrepreneurial Planning Forms of business organization- Sole proprietorship, Partnership, Company
	24.04.22-28.04.22	5	Business Plan: concept, format. Components: Organisational plan;
	08.05.22-12.05.22	5	Component :Operational plan; Production plan; Financial plan; Marketing plan; Human Resource plan
	15.05.22-19.05.22	5	Unit 3: Enterprise Marketing Marketing and Sales Strategy
	22.05.22-26.05.22	5	Market survey Project
	29.05.22-02.05.22	5	Business plan Project
PERIODIC I EXAM (26.05.22 – 05.06.22)			
2	05.06.22-9.06.22	5	Discuss the various marketing strategies used in a business Explain Marketing Mix. Understand the concept of Branding, Packaging and Labeling Describe the various methods of Pricing Discuss the various factors affecting the channels of distribution
	28.08.22-31.08.22	4	Understand the concept and types of sales strategy Discuss different tools of promotion Appreciate the objectives and different modes of Advertising
	01.09.22-07.09.22	5	Understand the concept of personal selling, sales promotion, public relations Discuss the various techniques of sales promotion
	11.09.22-15.09.22	5	Unit 4: Enterprise Growth Strategies Understand the concept of growth & development of an enterprise Discuss the concept, types, advantages and limitations of franchising
	18.09.22-22.09.22	5	Appreciate growth of business through mergers and acquisitions Discuss the different types of mergers and acquisitions Discuss the reasons for mergers and acquisitions
	25.09.22-29.09.22	5	Unit 5: Business Arithmetic Understand the concept of Unit Cost and Unit Price(Problems)
	02.10.22-06.10.22	5	Calculate Break-even point for Multiple products and services.
HALF YEARLY EXAMINATION (09.10.22- 31.10.22)			
	01.11.22-03.11.22	3	Understand the concept of Inventory Control

3	06.11.22-10.04.22	5	Compute the working capital of a business
	13.11.22-17.11.22	5	Calculate Return on Investment; Return on Equity and Economic Order Quantity
	20.11.22-24.11.22	5	Unit 6: Resource Mobilization Understand the need of finance in Business Discuss the various sources of funds required for a firm
	27.11.22-30.11.22	4	Understand the ways of raising funds in primary market
4	01.12.22-08.11.22	6	Appreciate the Angel Investors and Venture Capitalists as a source of business finance
	11.12.22-15.12.22	5	Revision
	18.12.22-22.12.22	5	Pre-Board 1 Practical Examination
	WINTER BREAK		
	02.1.23-05.11.23	4	Revision for Pre-board 1 Examination
	08.1.23-12.1.23	5	Pre-Board -1 Examination
	15.1.23-19.1.23	5	Pre-Board -1 Examination
	BOARD PRACTICAL EXAMINATION II EXAM (22.01.23-29.01.23)		
	30.01.23-31.01.23	2	REMEDIAL CLASSES
	01.02.23-09.02.23	7	PRE-BOARD – 2 EXAMINATION
	12.02.23-16.02.23	5	PRACTICE FOR VALEDICTORY FUNCTION
	20.02.23-23.02.23	4	PREPARATORY HOLIDAY FOR CBSE BOARD EXAM
CBSE BOARD EXAMINATION (MARCH 2023)			

Principal

JABRIYA INDIAN SCHOOL, KUWAIT
COURSE COMPLETION AND DIVISION OF SYLLABUS

Class: **XII** Subject: **Accountancy (055) 2022-2023**

REFERENCE BOOK: Text book for Accountancy Part I & Part II by NCERT			
UNIT	DURATION OF COMPLETION OF SYLLABUS	INSTRUCTIONAL DAYS	TOPICS / LESSONS DETAILS
1	05.04.22- 07.04.22	3	Partnership Fundamental Partnership: features, Partnership Deed. 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.
	10.04.22-14.04.22	5	Past adjustments (relating to interest on capital, interest on drawing, salary and profit sharing ratio).
	18.04.22-21.04.22	4	Goodwill: meaning, nature, factors affecting and methods of valuation - average profit, super profit and capitalization.
	24.04.22-28.04.22	5	Admission of 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 re- assessment of liabilities, treatment o reserves, accumulated profits and losses, adjustment of capital accounts preparation of capital, current account and balance sheet. reserves, accumulated profits and losses, adjustment of capital accounts and preparation of capital, current account and balance sheet.
	08.05.22-12.05.22	5	Change in profit sharing ratio Change in the Profit Sharing Ratio among the existing partners - sacrificing ratio, gaining ratio,
	15.05.22-19.05.22	5	accounting for revaluation of assets and reassessment of liabilities and treatment of reserves,
	29.05.22-02.05.22	5	Revision for Periodic I exam
	05.06.22-9.06.22	5	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. 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. Dissolution Of Partnership Firms : meaning of dissolution of partnership and partnership firm, types of dissolution of a firm. Settlement of accounts - s
2			
	28.08.22-31.08.22	4	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. Writing off discount / loss on issue of debentures.

	01.09.22-07.09.22	5	Financial Statement Analysis: Meaning, Significance Objectives, importance and limitations. Tools for Financial Statement Analysis: Cash flow analysis, ratio analysis. 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)
	11.09.22-15.09.22	5	Ratio Analysis Note: <i>Exceptional items, extraordinary items and profit (loss) from discontinued operations are excluded.</i> Accounting Ratios: Meaning, Objectives, Advantages, classification and computation. Liquidity Ratios: Current ratio and Quick ratio. Solvency Ratios: Debt to Equity Ratio, Total Asset to Debt Ratio, Proprietary Ratio and Interest Coverage Ratio. Debt to Capital Employed Ratio. Activity Ratios: Inventory Turnover Ratio, Trade Receivables Turnover Ratio, Trade Payables Turnover Ratio, Fixed Asset Turnover Ratio, Net Asset Turnover Ratio and Working Capital Turnover Ratio. Profitability Ratios: Gross Profit Ratio, Operating Ratio, Operating Profit Ratio, Net Profit Ratio and Return on Investment.
	18.09.22-22.09.22	5	Cash Flow Statement using indirect method as per AS 3 with given adjustments.
	25.09.22-29.09.22	5	Cash Flow statement
	02.10.22-06.10.22	5	REVISION FOR HALF YEARLY EXAM AND PROJECT SUBMISSIONS AND VERIFICATION
HALF YEARLY EXAMINATION (09.10.22- 31.10.22)			
3	01.11.22-03.11.22	3	Company Accounts(Accounting for Shares) <ul style="list-style-type: none"> Share and share capital: nature and types. 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),
	06.11.22-10.04.22	5	<ul style="list-style-type: none"> issue of shares for consideration other than cash.
	13.11.22-17.11.22	5	<ul style="list-style-type: none"> Concept of Private Placement and Employee Stock Option Plan (ESOP), Sweat Equity.
	20.11.22-24.11.22	5	<ul style="list-style-type: none"> Accounting treatment of forfeiture and re- issue of shares.
	27.11.22-30.11.22	4	<ul style="list-style-type: none"> Disclosure of share capital in the Balance Sheet of a company.
4	01.12.22-08.11.22	6	(i) Comparative And Common Size Statements
	11.12.22-15.12.22	5	(i) Comparative And Common Size Statements
	18.12.22-22.12.22	5	(i) Comparative And Common Size Statement
	WINTER BREAK		
	02.1.23-05.11.23	4	Revision for Pre-board 1 Examination
	08.1.23-12.1.23	5	Pre-Board -1 Examination

15.1.23-19.1.23	5	Pre-Board -1 Examination
BOARD PRACTICAL EXAMINATION II EXAM (22.01.23-29.01.23)		
30.01.23-31.01.23	2	REMEDIAL CLASSES
01.02.23-09.02.23	7	PRE-BOARD – 2 EXAMINATION
12.02.23-16.02.23	5	PRACTICE FOR VALEDICTORY FUNCTION
20.02.23-23.02.23	4	PREPARATORY HOLIDAY FOR CBSE BOARD EXAM
CBSE BOARD EXAMINATION (MARCH 2023)		

Principal

JABRIYA INDIAN SCHOOL, KUWAIT
COURSE COMPLETION AND DIVISION OF SYLLABUS

Class: **XII** Subject: **Business Studies (054) 2022-2023**

REFERENCE BOOK: NCERT Reader			
UNIT	DURATION OF COMPLETION OF SYLLABUS	INSTRUCTIONAL DAYS	TOPICS / LESSONS DETAILS
1	05.04.22- 07.04.22	3	Unit 1: Nature and Significance of Management Management - concept, objectives, and importance Management as Science, Art and Profession
	10.04.22-14.04.22	5	Levels of Management Management functions-planning, organizing, staffing, directing and controlling Coordination-concept and importance
	18.04.22-21.04.22	4	Unit 2: Principles of Management Principles of Management- concept and Significance Fayol's principles of management
	24.04.22-28.04.22	5	Taylor's Scientific management- principles and techniques Unit 3: Business Environment Business Environment- concept and importance Dimensions of Business Environment- Economic, Social, Technological, Political and Legal
	08.05.22-12.05.22	5	Demonetization - concept and features Unit 4: Planning Concept, importance and limitation Planning process Single use and standing plans. Objectives, Strategy, Policy, Procedure, method Rule, budget and Programme
	15.05.22-19.05.22	5	Unit 5: Organising Concept and importance Describe the steps in the process of organizing
	22.05.22-26.05.22	5	Structure of organisation- functional and divisional concept. Formal and informal organisation- concept
	29.05.22-02.05.22	5	Project
PERIODIC I EXAM (26.05.22 – 05.06.22)			
2	05.06.22-9.06.22	5	Delegation: concept, elements and importance Decentralization: concept and importance
	28.08.22-31.08.22	4	Unit 6: Staffing Understand the concept of staffing. Explain the importance of staffing
	01.09.22-07.09.22	5	Understand the specialized duties and activities performed by Human Resource Management Describe the steps in the process of staffing Understand the meaning of recruitment. Discuss the sources of recruitment. Explain the merits and demerits of internal and external sources of recruitment.
	11.09.22-15.09.22	5	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 Unit 7 Directing Concept and importance, Elements of Directing,
	18.09.22-22.09.22	5	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
	25.09.22-29.09.22	5	
	02.10.22-06.10.22	5	Unit 8: Controlling Controlling - Concept and importance Relationship between planning and Controlling Steps in process of control
HALF YEARLY EXAMINATION (09.10.22- 31.10.22)			
3	01.11.22-03.11.22	3	Unit 9: Financial Management Concept, role and objectives of Financial Management Financial decisions: investment, financing and dividend- Meaning and factors affecting
	06.11.22-10.04.22	5	Financial Planning - concept and importance Capital Structure – concept and factors affecting capital structure Fixed and Working Capital - Concept and factors affecting their requirements
	13.11.22-17.11.22	5	Unit 10: Financial Markets Financial Markets: Concept Money Market: Concept Capital market and its types (primary and secondary)
	20.11.22-24.11.22	5	Stock Exchange - Functions and trading procedure Securities and Exchange Board of India (SEBI) - objectives and functions Unit 11: Marketing Marketing – Concept, functions and philosophies Marketing Mix – Concept and elements Product - branding, labelling and packaging – Concept
	27.11.22-30.11.22	4	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
4	01.12.22-08.11.22	6	Unit 12: Consumer Protection Concept and importance of consumer protection The Consumer Protection Act, 2019 Meaning of consumer Rights and responsibilities of consumers Who can file a complaint? Redressal machinery Remedies available
	11.12.22-15.12.22	5	Consumer awareness - Role of consumer organizations and Non-Governmental Organizations (NGOs)
	18.12.22-22.12.22	5	Pre-Board 1 Practical Examination

WINTER BREAK		
02.1.23-05.11.23	4	Revision for Pre-board 1 Examination
08.1.23-12.1.23	5	Pre-Board -1 Examination
15.1.23-19.1.23	5	Pre-Board -1 Examination
BOARD PRACTICAL EXAMINATION II EXAM ((22.01.23-29.01.23)		
30.01.23-31.01.23	2	REMEDIAL CLASSES
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CBSE BOARD EXAMINATION (MARCH 2023)		

Principal

JABRIYA INDIAN SCHOOL, KUWAIT
COURSE COMPLETION AND DIVISION OF SYLLABUS

Class: XII Subject: Economics 2022-2023

REFERENCE BOOK:			
UNIT	DURATION OF COMPLETION OF SYLLABUS	INSTRUCTIONAL DAYS	TOPICS / LESSONS DETAILS
1	05.04.22-07.04.22	3	Money and functions of money
	10.04.22-14.04.22	5	Money supply and components of money supply
	18.04.22-21.04.22	4	Money creation by commercial banks Central Bank and its functions
	24.04.22-28.04.22	5	Government budget and economy. Meaning and objectives and classification of receipts
2	01.05.22-05.05.22	5	Classification of expenditures, Types of budget and measures of government deficit.
	08.05.22-12.05.22	5	Macro economics, Basic concepts in Macro Economics.
	15.05.22-19.05.22	5	Aggregates related to National Income. GDP and Welfare
	22.05.22-26.05.22	5	Methods of calculating National Income.
	29.05.22-30.05.22	2	Indian Economy on the eve of independence
PERIODIC I EXAM (26.05.22 – 05.06.22)			
3	28.08.22- 31.08.22	4	Main features and problems and policies of agriculture, industry and foreign Trade. 1
	01.09.22-07.09.22	5	Economic reforms since 1991.
	11.09.22-15.09.22	5	Concept of demonetization and GST. Current challenges facing Indian economy-Human capital formation, employment and infrastructure and Environment and sustainable development in India
	18.09.22-22.09.22	5	Current challenges facing Indian economy- Rural development
	25.09.22-29.09.22	5	Current challenges facing Indian economy- Sustainable development in India
4	02.10.22-06.10.22	5	Revision
	HALF YEARLY EXAMINATION (09.10.22- 31.10.22)		
5	01.11.22-03.11.22	3	Determination of income and employment- Aggregates demand and its components.
	06.11.22-10.11.22	5	Propensity to consume and propensity to save
	13.11.22-17.11.22	5	Short run equilibrium and output.
	20.11.22-24.11.22	5	Investment multiplier Full employment and involuntary unemployment.
	27.11.22-30.11.22	4	Problems of Excess and deficient demand. Measures to correct Excess and deficient demand

6	01.12.22-08.11.22	6	Balance of payments account- Meaning and components.
	11.12.22-15.12.22	5	Balance of payments -surplus and deficit.
	18.12.22-22.12.22	5	Foreign exchange rates- Meaning and types of exchange rates. Determination of exchange rates.
WINTER BREAK			
7	02.1.23-05.11.23	4	Determination of exchange rate. Merit and demerits of fixed and flexible exchange rate. Managed floating exchange rate system.
	08.1.23-12.1.23	5	Development experience of India. Comparison India and Pakistan, India and China. Issues economic growth, population sectoral development and other human development indicators
	15.1.23-19.1.23	5	Revision
BOARD PRACTICAL EXAMINATION II EXAM ((22.01.23-29.01.23)			
8	30.01.23-31.01.23	2	REMEDIAL CLASSES
9	01.02.23-09.02.23	7	PRE-BOARD – 2 EXAMINATION
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Principal