

THE ALTUS INTERNATIONAL SCHOOL

SYLLABUS BOOK 2023-24

CLASS – XI COMMERCE

S. No.	Book Name	Subject	Publisher
1.	DK Goel Volume I, Volume II	ACCOUNTANCY	T.S. GREWAL
2.	Microeconomics & Statistics	ECONOMICS	V.k. Ohri (Micro) N.C.E.R.T (Stats)
3.	Business Studies	BUSINESS STUDIES	Poonam Gandhi
4.	Flamingo	ENGLISH	N.C.E.R.T
5.	Vista	ENGLISH	N.C.E.R.T
6.	Computer Science with Python Computer	Computer	Sumita Arora
7.	Physical Education	Physical	Evergreen

S. No.	Stationery	Quantity
1.	Accountancy - A4 size register	2
	Economics - A4 size register	1
	Project File Folder	4
	Chart Paper's	3
2.	Business Studies - A4 size register	1
	Project File Folder	2
	Chart Paper's	3

SUBJECT: ENGLISH

Sr. No.	Month	Syllabus to be covered	
1.	April	Hornbill	- A Portrait of a lady We are not Afraid to die.
		Poem-	- Photograph
		Writing Skills	- Notice Writing
		Snapshot	- The summer of beautiful white horse. The Address, Ranga's marriage,
2.	May	Writing Skills	- Advertisements writing, Grammar- Determiners
		Hornbill	- Discovering tuts the saga Landscape of the soul
		Poem	- Lubrnum Top
		Snapshot	- Albert Einstein at school Mother's day
3.	July	Writing Skills	- Job application
		Activity	Write a paragraph about random act of bravery.
		Class Test-	Syllabus covered in the month of August
		Hornbill	- The Ailing planet
		Poem	- The Voice of the Rain
		Snapshot	- Ghat of the only world
		Writing Skills	- Letter to authorities, Report writing
4.	August		
		Hornbill	- The Adventure
		Poem	- Childhood
		Snapshot	- Birth
		Writing Skills	- Letter to editor
		Activity	Poster making (make a poster on the topic Independence day)
5.	September	Class Test-	Syllabus covered in the month of October
		Half yearly Examination begins Syllabus covered April to September	

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| 6. | October | Hornbill | - | The Silk road |
| | | Poem | - | Father to son. |
| | | Snapshot | - | The tale of melon city. |
| | | Writing Skills | - | Grammar- Change of Voice |
| | | Unit Test II Begin | | |
| | | Syllabus covered October & November | | |
| | | Hornbill | - | The Browning version |
| | | Snapshot | - | Revision |
| | | Writing Skills | - | Revision |
| | | Activity | - | 'Online smart classes are the future of education'
Write a debate either or against the motion. |
| 7. | November | Hornbill | - | Revision |
| | | Snapshot | - | Revision |
| | | Writing Skills | - | Letter of Enquiry and order. |
| | | Class Test and Revision | | |
| | | Syllabus covered in the month of January | | |
| 8. | December | Hornbill | - | Revision |
| 9. | January | Snapshot | - | Revision |
| | | Writing Skills | - | Revision |
| 10. | February | FINAL EXAMINATION | | |

SUBJECT: ACCOUNTANCY

S. No.	Month	Syllabus to be covered
1.	April	CH- INTRODUCTION OF ACCCOUNTING CH- BASICS OF ACCOUNTING TERM CH- THEORY BASE OF ACCOUNTING CH- ACCOUNTING STANDARDS CH- SOURCE DOCUMENT OF ACCOUNTING CH- ACCOUNTING EQUATION *CLASS TEST OF ABOVE CHAPTERS
2.	May	CH- PRINCIPLES OF DOUBLE ENTRY SYSTEM CH- RULES OF DEBIT AND CREDIT :JOURNAL (WITH GST) CH- LEDGERS *CLASS TEST OF ABOVE CHAPTERS PT I EXAM
3.	June	CH- CASH BOOK CH- SUBSIDIARY BOOKS *CLASS TEST OF ABOVE CHAPTERS
4.	July	CH- TRAIL BALANCE & ERRORS CH- DEPRECIATION
5.	August	*HALF YEARLY EXAMS
6.	September	CH- RESERVES AND PROVISION *CLASS TEST OF ABOVE CHAPTERS
7.	October	CH- BANK RECONCILIATION STATEMENTS CH- RECTIFICATION OF ERRORS * PROJECT WORK - FILE + CHART + MODEL
8.	November	CH- FINANCIAL STATEMENTS : WITHOUT AND WITH ADJUSTMENTS CH- FINANCIALSTATEMENTS: WITHOUT AND WITH ADJUSTMENTS (REMANING PORTION)
9.	December	CH- SINGLE ENTRY SYSTEM REVISION EXTERNAL PRACTICLES
10.	January February	REVISION ANNUAL EXAMINATION

SUBJECT: BUSINESS STUDIES

S. No.	Month	Syllabus to be covered
1.	April	CH- NATURE AND PURPOSE OF MANAGEMENT CH- FORMS OF BUSINESS ORGANISATION *CLASS TEST
2.	May	CH- PRIVATE, PUBLIC AND GLOBAL ENTERPRISES CH- BUSINESS SERVICES *PT I EXAM *CLASS TEST
3.	June	CH- SOURCES OF BUSINESS FINANCE
4.	July	CH- EMERGING MODES OF BUSINESS *CLASS TEST
5.	August	REVISION HALF YEARLY EXAMS
6.	September	CH- SMALL BUSINESS AND ENTERPRISES CH- INTERNAL TRADE
7.	October	PERIODIC TEST
8.	November	*PROJECT WORK-FILE+CHART+MODEL REVISION
9.	December	REVISION
10.	January	REVISION
11.	February	FINAL EXAMS

SUBJECT: ECONOMICS

S. No.	Month	Syllabus to be covered
1.	April	CH- ECONOMICS AND ECONOMY CH- CENTRAL PROBLEM OF AN ECONOMY CH- CONCEPT OF ECONOMICS AND SIGNIFICANCE OF STATISTICS *CLASS TEST ACTIVITY OF MAKING CHARTS
2.	May	CH- COLLECTION OF DATA : CENSUS & SAMPLE CH- ORGANISING OF DATA CH- PRESENTATION OF DATA -TEXTUAL AND TABULAR FORM *CLASS TEST
3.	June	CH- DIAGRAMMATIC PRESENTATION OF DATA - BAR DIAGRAM AND PIE DIAGRAMS CH- CONSUMER EQUILIBRIUM - UTILITY ANALYSIS CH- CONSUMER EQUILIBRIUM-INDIFFERENCE CURVE ANALYSIS CH- THEORY OF DEMAND CLASS TEST
4.	July	CH- PRICE ELASTICITY OF DEMAND CH- HISTOGRAM, POLYGON AND OGIVE CH- ARTHMETIC LINE - GRAPHS AND TIME SERIES GRAPHS CLASS TEST
5.	August	CH- PRODUCTION FUNCTION AND RETURN TO A FACTOR CH- CONCEPT OF COST CH- CONCEPT OF REVENUE CLASS TEST *HALF YEARLY EXAMS
6.	September	CH- PRODUCER'S EQUILIBRIUM CH- THEORY OF SUPPLY CH- FORMS OF MARKET *PROJECT WORK – FILE+CHART+MODEL
7.	October	CH- MEASURES OF CENTRAL TENDENCY-ARTHMETIC MEAN CH- MEASURES OF CENTRAL TENDENCY-MEDIAN AND MODE

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| 8. | November | CH- MEASURE OF DISPERSION
CH- CORRELATION
CH- MARKET EQUILIBRIUM
CH- INDEX NUMBER |
| 9. | December | REVISION |
| 10. | January | REVISION |
| 11. | February | ANNUAL EXAM |

SUBJECT: PHYSICAL EDUCATION

S. No.	Month	Syllabus to be covered
1.	April	Unit I Changing Trends & Career in Physical Education <ul style="list-style-type: none">• Concept, Aims & Objectives of Physical Education• Changing Trends in Sports- playing surface, wearable gears and sports equipment, technological advancements• Career Options in Physical Education• Khelo-India and Fit-India Program
2.	May	Unit II Olympism <ul style="list-style-type: none">• Ancient and Modern Olympics• Olympism – Concept and Olympics Values (Excellence, Friendship & Respect)• Olympics - Symbols, Motto, Flag, Oath, and Anthem• Olympic Movement Structure - IOC, NOC, IFS, Other members
3.	June	Unit IV Physical Education & Sports for CWSN (Children with Special Needs - Divyang) <ul style="list-style-type: none">• Concept of Disability and Disorder• Types of Disability, its causes & nature (Intellectual disability, Physical disability)• Aim & Objective of Adaptive Physical Education• Role of various professionals for children with special needs (Counsellor, Occupational Therapist, Physiotherapist, Physical Education Teacher, SpeechTherapist & Special Educator)
4.	July	Unit V Physical Fitness, Health and Wellness <ul style="list-style-type: none">• Meaning and Importance of Wellness, Health and Physical Fitness• Components/Dimensions of Wellness, Health and Physical Fitness• Traditional Sports & Regional Games for promoting wellness Unit VI Test, Measurement & Evaluation <ul style="list-style-type: none">• Concept of Test, Measurement & Evaluation in Physical Education & sports.• Classification of Test in Physical Education and Sports.• Test administration guidelines in physical education and sports
5.	August	Unit VII Fundamentals of Anatomy, Physiology in Sports <ul style="list-style-type: none">• Definition and Importance of Anatomy and Physiology in exercise and sports• Functions of Skeletal system, classification of bone and types of joints.• Function and Structure of Circulatory system and heart.• Function and Structure of Respiratory system.

6.	September	HALF YEARLY EXAMINATION Unit VIII Fundamentals of Kinesiology and Biomechanics in Sports <ul style="list-style-type: none"> • Definition and Importance of Kinesiology and Biomechanics in sports • Principles of Biomechanics • Types of Body Movements - Flexion, Extension, Abduction, Adduction, Rotation, Circumduction, Supination & Pronation • Axis and Planes – Concept and its application in body movements Revision.
7.	October	Unit IX Psychology & Sports <ul style="list-style-type: none"> • Definition & Importance of Psychology in Physical Education & Sports • Adolescent Problems & Their Management • Team Cohesion and Sports Unit X Training and Doping in Sports <ul style="list-style-type: none"> • Concept and Principles of Sports Training • Training Load: Over Load, Adaptation, and Recovery • Concept of Doping and its disadvantages Class Test- Pre Board I Begins
8.	November	Revision
9.	December	Revision
10.	January	Revision
11.	February	Board Exams Begin

SUBJECT - COMPUTER

S.No	Month	Syllabus to be covered
1.	April	<p>Computer System and Organisation. Basic computer organisation: description of a computer system and mobile system, CPU, memory, hard disk, I/O, battery. Types of software: application, System, utility Memory Units: bit, byte, MB, GB, TB, and PB Boolean logic: OR, AND, NAND, NOR, XOR, NOT, truth tables, De Morgan's laws Information representation: numbers in base 2, 8, 16, binary addition Strings:ASCII,UTF8,UTF32, ISCII(Indian script code),Unicode Basic concepts of Flowchart Concept of Compiler & Interpreter</p> <p>Running a program: Notion of an operating system, how an operating system runs a program, idea of loading, operating system as are source manager. Concept of cloud computing, cloud (public/private), introduction to parallel computing.</p>
2.	May	Periodic Test - I Begin
3	July	<p>Unit –II Computational Thinking and Programming Basics of Computational Thinking: Decomposition, Pattern Recognition/Data representation, Generalization/Data Abstraction and algorithm.</p> <p>Familiarization with the basics of Python programming: a simple “hello world” program, process of writing a program (Interactive & Scriptmode), running it, and print statements; simple data-types: integer, float, string</p> <p>Features of Python, Python Character Set, Token & Identifiers, Keywords, Literals, Delimiters, operators. Comments: (Single line & Multiline / Continuation statements), Clarity & Simplification of expression. Introduce the notion of a variable, and methods to manipulate it (concept of L-value and R-value even if not taught explicitly). Knowledge of data types and operators: accepting input from the console, assignment statement, expressions, operators and their precedence.</p>
5.	August	<p>Activity Make 10 basic programs in python</p> <p>Unit –II Computational Thinking and Programming Operators & types: Binary operators- Arithmetic, Relational operators, Logical Operators, Augmented Assignment operators.</p> <p>Conditional statements: if, if-else, if-elif-else; simple programs: e.g.: absolute value, sort3 numbers, and divisibility. Notion of iterative computation and control flow: for (range (), len (), while, flowcharts, suggested programs: interest calculation and factorials, etc. Idea of debugging: errors and exceptions; debugging: pdb, breakpoints.</p>

Lists, tuples and dictionary: finding the maximum, minimum, mean; linear search on list / tuple of numbers, and counting the frequency of elements in a list using a dictionary. Introduce the notion of accessing elements in a collection using numbers and names.

Sorting algorithm: bubble and insertion sort; count the number of operations while sorting.

Strings: Traversing, compare, concat, substring.

Introduction to Python modules: Importing math (sqrt, cell, floor, pow, abs, sin, cos, tan, random (random, randint, randrange), statistics (mean, median, mode) modules.

Make 10 programs on if, if else, elif and iterative statements.

- 6 **September** Class test- Syllabus covered up to September
Half Yearly Examination Begin
Syllabus covered From April to September
Unit 3 Data Management
Relational data bases: Concept of a database, relations, attributes and tuples, keys- candidate key, primary key, alternate key, foreign key; Degree and cardinality of a table.
Use SQL – DDL/ DML commands to CREATE TABLE, INSERT INTO, UPDATE TABLE, DELETE FROM, ALTER TABLE, MODIFY TABLE, DROP TABLE.
7. **October** Class test- Syllabus covered in the month of October
Make 10 programs on list, tuple and Dictionary
Unit 3 Data Management
keys, and foreign keys; to view content of a table: SELECT-FROM- WHERE- ORDER BY along with BETWEEN, IN, LIKE, (Queries only on single table)
Aggregate functions- MIN, MAX, AVG, COUNT, SUM
Basics of No SQL databases.
Activity Periodic Test - II Begin
Syllabus covered in the month of October & November
8. **November** Class test- Syllabus covered in the month of November

Unit 4 Society, Law and Ethics- Cyber safety
Cyber safety: safely browsing the web, identity protection, confidentiality, social networks, cyber trolls and bullying
Appropriate usage of social networks: spread of rumours, and common social networking sites (Twitter, LinkedIn, and Facebook) and specific usage rules.
9. **December** Class test- Syllabus covered in the month December
Make a chart on Cyber safety and Rules.
Unit 4 Society, Law and Ethics- Cyber safety

Safely accessing websites: adware, malware, viruses, Trojans
Safely communicating data: secure connections, eavesdropping, phishing and identity verification
Class test and Revision of whole Syllabus covered
10. **January** Annual Examination Begins
Syllabus covered from April to February