THE ALTUS INTERNATIONAL SCHOOL

SYLLABUS BOOK 2025 - 26 CLASS – XI HUMANITIES

S. No.	Book Name	Subject	Publisher				
1.	Flamingo	English	N.C.E.R.T				
2.	Vista	English	N.C.E.R.T				
	Microeconomics		T R Jain & VK Ohri				
3.	&	Economics	(Micro)				
	Statistics		N.C.E.R.T (Stats)				
4.	Introducing Sociology	Sociology	N.C.E.R.T				
5.	Understanding Sociology	Sociology	N.C.E.R.T				
6.	India Constitutional Work	Political	N.C.E.R.T				
7.	Political Theory	Political	N.C.E.R.T				
	Computer Science with						
8.	Python Computer	Computer	Sumita Arora				
9.	Physical Education	Physical	Evergreen				
10.	Entrepreneurship	Entrepreneurship	Dr C.B Gupta				
S. No.	Stationery	Stationery					
1.	English - A4	4 size register	2				
2.	Political - A4	l size register	2				
3.	Sociology - A4	2					
4.	Economics - A4 size	register	2				

SUBJECT: ENGLISH

Sr. No. Month

Syllabus to be covered

		J		
1.	April	Hornbill	-	A Portrait of a lady
		Writing Skills	-	Notice Writing
		Snapshot	-	The summer of beautiful white horse
2.	May	Hornbill	-	We are not Afraid to die.
		Poem	-	Laburnum Top
		Snapshot	-	The Address
		Writing Skills	-	Advertisements writing.
3.	June	Hornbill	-	Discovering tuts the saga
		Poem	-	The Voice of the Rain
4.	July	Hornbill	-	Landscape of the soul
		Snapshot	-	Ranga's marriage
			-	Unit Test I Begin
			-	Syllabus covered April & July.
5.	August	Class Test		Syllabus covered in the month of July
		Hornbill	-	The Ailing Planet
		Snapshot	-	Birth
		Writing Skills	-	Report writing
		Activity	-	Write a paragraph about random act of bravery.
		Class Test	-	Syllabus covered in the month of August
6.	September	Hornbill	-	The Adventure
		Poem	-	Childhood
		Snapshot	-	Mother's day

Writing Skills - Letter to editor,

-	Half yearly Examination begins
-	Syllabus covered April to September

-	Syllabus	covered A	pril to Sei	otember
---	----------	-----------	-------------	---------

7.	October	Hornbill	-	The Silk road
		Poem	-	Father to son.
		Snapshot	-	The Tale of melon City
		Writing Skills	-	Letter to authorities
		Activity	-	Poster making
			-	(make a poster on the topic Save trees)
8.	November	Class Test	-	Syllabus covered in the month of October
		Hornbill	-	Revision
		Snapshot	-	The tale of melon city, Revision
		Writing Skills	-	Debate writing
		Activity	-	'Smart classes are the future of education' Write a debate either or against the motion.
9.	December		-	Unit Test II Begin
			-	Syllabus covered October & November
		Writing skills	-	Job Application
10.	January		-	Revision
11.	February		-	Pre-Final Exams
12.	March		-	FINAL EXAMS

SUBJECT: SOCIOLOGY

S. No.	Month	Syllabus to be covered		
1.	April	Ch.1	-	Sociology and Society
2.	May	Ch.2	-	Terms: Concepts and their use in Sociology
		Ch 3.	-	Understanding Social Institutions
			-	Class Test
3.	June	Ch. 4	-	Culture and Socialism
		Activity	-	Define and describe two different leadership styles. Give original examples of both from your own life or in society and explain why they are good examples of the style.
4.	July	Ch.5	-	Doing Sociology research method.
			-	Class Test
5.	August	Ch.6	-	Social Structure
			-	Class Test
6.	September		-	Half Yearly Exams
7.	October	Ch.7	-	Society order in and rural and urban society
			-	Class Test
8.	November	Ch.8	-	Environment and society.
		Ch.9	-	Introducing western society.
9.	December	Ch.10	_	Indian sociologists.
			_	Revision
			_	Class Test
10.	January		_	Revision
11.	February		_	Pre-Final Exams
12.	March		_	FINAL EXAMS
	- 1911 911			

SUBJECT: POLITICAL SCIENCE

S. No.	Month		Syllab	ous To Be Covered
1.	April	Ch.	-	Constitution why and how?
		Ch.	-	Rights in the Indian Constitution.
			-	Class Test
2.	May	Ch.	-	Election and representation
		Ch.	-	Executive
			-	Class Test
3.	June	Ch.	-	Legislature
4.	July	Ch.	-	Judiciary
		Ch.	-	Fedralism
			-	Pre Exam Test
5.	August	Ch.	-	Constitution as a living documents
		Ch.	-	The Philosophy of the constitution
6.	September	Ch.	-	Freedom
		Ch.	-	Equality
			-	Half Yearly Exam
7.	October	Ch.	-	Social Justice
		Ch.	-	Citizenship
			-	Periodic Test
8.	November	Ch.	-	Nationalism
			-	*Project Work - File + Chart + Model
			-	Revision
9.	December		-	Class Test
10.	January		-	Revision
11.	February		-	Pre-Final Exams
12.	March		-	Annual Exams

SUBJECT: ECONOMICS

S. No.	Month	Sy	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		
			-	Class Test		
		Ch.	-	Theory Of Demand		
4.	July	Ch.	-	Price Elasticity Of Demand		
		Ch.	-	Histogram, Polygon And Ogive		
		Ch.	-	Arithmetic Line - Graphs And Time Series Graphs		
			-	Periodic Test 1		
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 - Arithmetic Mean
		Ch.	-	Measures Of Central Tendency-Median And Mode
			-	Periodic Test II
8.	November	Ch.	-	Measure Of Dispersion
		Ch.	-	Correlation
9.	December	Ch.	-	Market Equilibrium
		Ch.	-	Index Number
10.	January		-	Revision

Revision

Annual Exam

11.

12.

February

March

S. No. Month

Syllabus to be covered

1. April

Unit I Changing Trends & Career in Physical Education

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

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

Unit III YOGA

Meaning & Importance of yoga

Introduction to Ashtanga Yoga

Introduction to Yogic Kriyas (shat Karma)

3. June

Unit IV Physical Education & Sports for CWSN

(Children with Special Needs - Divyang)

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, Speech Therapist & Special Educator)

4. July

Unit V Physical Fitness, Health and Wellness

Meaning and Importance of Wellness, Health and Physical Fitness

Components/Dimensions of Wellness, Health and Physical Fitness

		Periodic Test I Begin
		Syllabus covered in the month of April to July
5.	August	Unit VI Test, Measurement & Evaluation
		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
6.	September	Unit VII Fundamentals of Anatomy, Physiology in Sports
		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.
		Half Yearly Examination Syllabus Covered From April To August
7.	October	Unit VIII Fundamentals of Kinesiology and Biomechanics in Sports
		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
8.	November	Unit IX Psychology & Sports Definition & Importance of Psychology in Physical Education & Sports Adolescent Problems & Their Management Team Cohesion and Sports 7
9.	December	Unit X Training and Doping in Sports Concept and Principles of Sports Training Training Load: Over Load, Adaptation, and Recovery Concept of Doping and its disadvantages Pre Board II Begins

Traditional Sports & Regional Games for promoting wellness

SUBJECT - COMPUTER

S. No. Month

10

11.

12.

January

February

March

Syllabus to be covered

1. April Computer System and Organisation.

Revision

Pre-final

Final Exams Begins

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

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.

Unit -II Computational Thinking and Programming

2. May

3.

July

Basics of Computational Thinking: Decomposition, Pattern Recognition/Data representation, Generalization/Data Abstraction and algorithm.

Familiarization with the basics of Python programming: a simple "hello world" program,processofwritingaprogram(Interactive&Scriptmode),runningit,andprint statements; simple data - types: integer, float, string

- 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.

Unit - II Computational Thinking and Programming

Operators & types: Binary operators-Arithmetic, Relational operators, Logical Operators, Augmented Assignment operators.

- Conditional statements: if, if-else, if-elif-else; simple programs: e.g.: absolute value, sort 3 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, break points.
- 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 operation 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

Periodic Test - I Begin

Syllabus covered up to July

5. August Unit - 3 Data Management

Relational data bases: Concept of a database, relations, attributes and tuples, keyscandidate 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, ALTERTABLE, MODIFY TABLE, DROP TABLE.

Class test - Syllabus covered in the month of August

Activity - Make 10 basic programs in python

6. September Unit - 4 Data Management

keys, and foreign keys; to view content of a table: SELECT FROM- WHERE-ORDERBY along with BETWEEN, IN,LIKE, (Queries only on single table)

Aggregate functions-MIN,MAX,AVG,COUNT,SUM

Basics of NoSQL databases.

Class test - Syllabus covered up to September Half Yearly Examination Begin

Syllabus covered From April to September

7. October Unit - 5 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. Class test Syllabus covered in the month of October

	Activity	Make 10 programs on list, tuple and Dictionary				
8.	November	Unit - 6 Society, Law and Ethics-Cyber safety				
		 Safely accessing websites: adware, malware, viruses, Trojans Safelycommunicatingdata:secureconnections,eavesdropping,phishingand identity verification Periodic Test - II Begin 				
		Syllabus covered in the month of October & November				
		Class test - Syllabus covered in the month of November				
9.	December	Class test - Syllabus covered in the month December Make a chart on Cyber safety and Rules.				
10.	January	Class test and Revision of whole Syllabus covered				
11.	February	Class test and Revision of whole Syllabus covered				
12.	March	Annual Examination Begins Syllabus covered from April to February				

SUBJECT - PAINTING

S. No. Month Syllabus to be covered

1. April *UNIT - 1* **-**

Introduction of art

		Activity	-	Land scape
2.	May	Topic	-	Six limbs of Indian Art, Principles and elements of Visual art
		Activity	-	Still life – (pot, fruits, bottle)
	_			
3.	June	Revision	-	Introduction of Indian Art (Pal school, Jain School ,Central Indian School)
4.	July	Revision	-	
			-	Periodic Test I Begin
			-	Syllabus covered in the month of April to July.
5.	August	UNIT-2		
			-	Origin and development of Rajasthani School of art
		Activity	-	Any composition
6.	September	Topic	-	Sub school of Rajasthani school of art (Mewar and its painting Maru ragini)
		Class Test	-	Topics covered in month of August and September
			-	Half Yearly Exams
7.	October	Sub school	-	Bikaner, Kishangarh, Jaipur, Jodhpur.
			-	Main features of Rajasthani School of art
		Activity	-	Painting of Radha (Bani-Thani)
		Class Test	-	Topics covered in month of October
8.	November	UNIT-3	-	
			-	Origin and development of Pahari School of art
		Sub school	-	Kangra and Basohli
		Activity	-	Folk art

9.	December		-	Paintings of Pahari School of art.
			-	Main features of Pahari School of art
		Class Test	-	Topics covered in month of November and December.
			-	Periodic Test II Begin
			-	Syllabus covered in the month of October to December.
10.	January		-	Revision / Pre-final exams
11.	February		-	Revision / Pre-final exams
12.	March		-	Final Exams

Entrepreneurship

S. No.	Month	Syllabus to be covered
1.	April	Introduction
2.	May	Entrepreneur ship
		Class test of Entrepreneurship
3.	June	An Entrepreneur

July Entrepreneurial Journey 4. Assignment – make a list of new entrepreneurs of 2023-24 Periodic Test - 1 5. August Entrepreneurship as Problem solving and Innovation Class Test September Half Yearly Examinations 6. *Understanding The market* 7. October Business Finance and Arithmetic Pre Test – II November 8. Resource Mobilisation Class Test **December** 9. Revision **10**. **Class Test** January **February** Revision **11.**

Final Exams

March

12.