

THE ALTUS INTERNATIONAL SCHOOL

SYLLABUS BOOK 2026 - 27

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
3.	Microeconomics & Statistics	ECONOMICS	Sandeep Garg (Micro) 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
8.	Computer Science with Python Computer	Computer	Sumita Arora
9.	Physical Education	Physical	Evergreen
10.	Entrepreneurship	Entrepreneurship	Dr C.B Gupta

S. No.	Stationery	Quantity
1.	English - A4 size register	2
2.	Political - A4 size register	2
3.	Sociology - A4 size register	2
4.	Economics - A4 size register	2

SUBJECT: ENGLISH

Sr. No. Month

Syllabus to be covered

- | | | | | |
|-----------|------------------|----------------|---|--|
| 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
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

SUBJECT: POLITICAL SCIENCE

S. No.	Month	Syllabus 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.	- Federalism
			- 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	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
11.	February		-	Revision
12.	March		-	Annual Exam

SUBJECT: PHYSICAL EDUCATION

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 Traditional Sports & Regional Games for promoting wellness 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
10	January	Revision
11.	February	Pre-final
12.	March	Final Exams Begins

SUBJECT – COMPUTER

S. No. Month

Syllabus to be covered

1. April

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

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.

2. May

Unit –II Computational Thinking and Programming

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, process of writing a program (Interactive & Script mode), running it, and print 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.

3. July

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, 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.

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
 - Safely communicating data: secure connections, eavesdropping, phishing and 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
4.	July	Entrepreneurial Journey Assignment – make a list of new entrepreneurs of 2023-24 Periodic Test - 1
5.	August	Entrepreneurship as Problem solving and Innovation Class Test
6.	September	Half Yearly Examinations Understanding The market
7.	October	Business Finance and Arithmetic Pre Test – II
8.	November	Resource Mobilisation Class Test
9.	December	Revision
10.	January	Class Test
11.	February	Revision
12.	March	Final Exams