

SYLLABUS (2023-24)

STD. - XI HUMANITIES

Important Note : Our School follows CBSE Curriculum and guidelines. In case CBSE introduces any change in the syllabus of All India Senior School Certificate Examination (AISSCE), then it will be intimated accordingly.

SUBJECT – ENGLISH CORE (CODE-301)

MONTH	CHAPTER NO. & NAME
April	Hornbill :Portrait of a Lady Poem - Photograph Writing – Advertisement Grammar – Gap Filling (Tenses)
May	Hornbill : We are not afraid to die..... Poem – Laburnum Top Snapshots : Summer of The Beautiful White Horse Grammar – Gap Filling (Clauses) Writing – Poster Making
July	Snapshots : The Address Hornbill : Discovering Tut Poem – Voice of The Rain Grammar – Reordering of Sentences Writing – Speech Writing Reading – Unseen Passage, Note making
August	Hornbill : The Adventure Snapshots : Mother's Day Grammar – Transformation of Sentences Writing – Debate Writing
September	Poem – Childhood Grammar – Reordering/ Transformation of Sentences
October	Hornbill : Silk Road Snapshots : Birth Reading : Unseen Passage, Note-Making
November	Poem – Father to Son Snapshots Ch - 6 : The Tale of Melon City Reading – Unseen Passage, Note-Making
December	Revision
January	Revision

SUBJECT – HISTORY (CODE-027)

MONTH	CHAPTER NO. & NAME
April	Ch-2: Writing And City Life
May	Ch-3: An Empire Across Three Continents Ch-5: Nomadic Empires
July	Ch-6: The Three Orders
August	Ch-7: Changing Cultural Traditions
September	Revision for Term 1
October	Ch-10: Displacing Indigenous People
November	Ch-11: Paths To Modernization

December	Revision
January	Final Exams

SUBJECT – POLITICAL SCIENCE THEORY (CODE-028)

MONTH	CHAPTER NO. & NAME
April	<u>Book 1</u> Chapter 1: Constitution Why-How-Philosophy (Part 1) Chapter 9 :Constitution As A Living Document Chapter 10: The Philosophy Of The Constitution
May	<u>Book 2</u> Chapter 1: Political Theory: An introduction Chapter 2: Freedom Chapter 3: Equality
July	<u>Book 1</u> Chapter 2 Rights In The Indian Constitution Chapter 3: Election and Representation
August	<u>Book 1</u> Chapter 5: Legislature Chapter 4: Executive <u>Book 2</u> Chapter 4: Social Justice
September	<u>Book 2</u> Chapter 5: Rights
October	<u>Book 1</u> Chapter 6: Judiciary Chapter 7: Federalism Chapter 8: Local Government
November	<u>Book 2</u> Chapter 6: Citizenship Chapter 7: Nationalism Chapter 8 Secularism
December	<u>Book 2</u> Chapter 9:Peace Chapter 10: Development
January	Revision

SUBJECT – ECONOMICS (CODE - 030)

MONTH	CHAPTER NO. & NAME
April	Chapter 1: Economics,Economy and Central Problems of an Economy Chapter 2: Introduction to Statistics Chapter 3: Theory of Demand
May	Chapter 4: Elasticity of Demand Chapter 5: Theory of Consumer Behaviour Chapter 6: Collection and Organization of Data
July	Chapter 7: Presentation of Data Chapter 8: Measures of Central Tendency (Mean, Median & Mode)

August	Chapter 9: Production Function Chapter 10: Concept of Cost Chapter 11: Revenue
September	Revision
October	Chapter 12: Producer Equilibrium Chapter 13: Supply Chapter 14: Index Numbers
November	Chapter 15: Forms of Market Chapter 16: Market Equilibrium under perfect competition and effects of shift in demand and supply.
December	Chapter 17: Measures of Dispersion Chapter 18: Correlation
January	Revision

SUBJECT – PSYCHOLOGY (CODE-037)

MONTH	CHAPTER NO. & NAME
April	Ch-1: What is psychology?
May	Ch-1: What is psychology? (contd), Ch-2: Methods of enquiry in Psychology
July	Ch-2: Methods of enquiry in Psychology (contd) Ch-4: Human Development
August	Ch-4 : Human development (contd) CH-5: Sensory, Attentional and perceptual processes
September	Ch-6: Learning Revision
October	Ch-7: Human Memory
November	Ch-7: Human Memory (contd.) Ch-8: Thinking
December	Ch-8: Thinking (contd.) Ch-9: Motivation and Emotion
January	Revision

SUBJECT- APPLIED MATHEMATICS (Code 241)

MONTH	CHAPTER NO. & NAME
April	Unit I - Numbers, Quantification and Numerical Applications
May	Unit II - Algebra
July	Unit VII - Basics of Financial Mathematics
August	Unit IV - Calculus Unit III - Mathematical Reasoning
September	Revision
October	Unit III - Mathematical Reasoning (Contd..) Unit VI - Descriptive Statistics

November	Unit VI - Descriptive Statistics (Contd..) Unit V - Probability
December	Unit VIII - Co- ordinate Geomerty
January	Revision

SUBJECT– INFORMATICS PRACTICES THEORY (065)

MONTH	CHAPTER NO. & NAME
April	Introduction to Python
May	<u>Basics of Python programming, Python interpreter:</u> Mutable and Immutable data types, statements, expressions, evaluation and comments, input and output statements, data type conversion, debugging. Control Statements: if-else, for loop
July	<u>Basics of Python programming, Python interpreter:</u> Interactive and script mode, the structure of a program, indentation, identifiers, keywords, constants, variables, types of operators, precedence of operators, data types
August	<u>Lists:</u> List operations-creating, initializing, traversing and manipulating lists, list methods and built-in functions.
September	Revision
October	<u>Dictionary:</u> Concept of key-value pair, creating, initializing, traversing, updating and deleting elements, dictionary methods and built-in functions. <u>Database Concepts:</u> Introduction to database concepts and its need, Database Management System. Relational data model: Concept of domain, tuple, relation, candidate key, primary key, alternate key Advantages of using Structured Query Language, Data Definition Language, Data Query Language and Data Manipulation Language.
November	<u>Database Concepts:</u> Introduction to MySQL, creating a database using MySQL, Data Types Data Definition: CREATE TABLE Data Query: SELECT, FROM, WHERE. Data Manipulation: INSERT <u>Introduction to computer and computing:</u> Evolution of computing devices, components of a computer system and their interconnections, Input/output devices. Computer Memory: Units of memory, types of memory – primary and secondary, data deletion, its recovery and related security concerns. Software: purpose and types system and application software, generic and specific purpose software.
December	<u>Artificial Intelligence:</u> Machine Learning, Natural Language Processing, Immersive experience (AR, VR), Robotics, Big data and its characteristics, Internet of Things (IoT), Sensors, Smart cities, Cloud Computing

	and Cloud Services(SaaS,IaaS, PaaS); Grid Computing, Block chain technology.
January	Revision

SUBJECT - PHYSICAL EDUCATION THEORY (CODE - 048)

MONTH	CHAPTER NO. & NAME
April	Chapter-1 : Changing Trends & Career in Physical Educations
May	Chapter-2 : Olympic Value Education
July	Chapter-3 : Physical Fitness, Wellness & Lifestyle
August	Chapter-4 : Physical Education & Sports for CWSN
September	Chapter-5 : Yoga
October	Chapter-6 : Physical Activity & Leadership Training Chapter-7 : Test, Measurement & Evaluation
November	Chapter-8 : Fundamentals of Anatomy, Physiology & Kinesiology Chapter-9 : Psychology & Sports
December	Chapter-10 : Training & Doping in Sports
January	Revision

SUBJECT – PAINTING (CODE- 049)

Month	Chapter / Unit No. & Name
April	(Introduction of The Elements & Principles of Art) Six limbs of Indian Painting & Fundamentals of Visual Arts
May	(Introduction of The Elements & Principles of Art) Fundamentals of Visual Arts
July	Unit-I (a) Pre- historic Rock Paintings Unit-I (b) Art of Indus Valley Civilization
August	Unit- II (a) Buddhist Art
September	Revision
October	Unit –II (b) Jain Art, Hindu Art (Art of Ajanta)
November	Unit-III (a) Indian Temple Sculptures & Bronzes
December	Unit-III (b) Indo – Islamic Architecture
January	Revision

SUBJECT – HISTORY PRACTICAL (CODE – 027)

MONTH	PROJECT WORK
May & June	FEW SUGGESTIVE TOPICS FOR PROJECTS 1) Facets of the Industrialization in sixteenth- eighteenth centuries. 2) Crusades: causes; rationale; events; outcomes; Holy Alliance 3) Ancient History in depth: Mesopotamia 4) Greek Philosophy and City States 5) Contributions of Roman Civilization 6) The spirit of Renaissance: Manifestation in art; Literature; Sculpture; Influence on Trading

	Community; Social Fabric; Philosophy; Political Values; Rational Thinking; Existentialism 7) Aspects of Development -South American States /Central American States 8) Different schools of thoughts- Realism: Humanism: Romanticism 9) Piecing together the past of Genghis Khan 10)Myriad Realms of Slavery in ancient, medieval, and modern world 11)History of Aborigines – America /Australia 12)Facets of Modernization – China /Japan/Korea
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SUBJECT – PSYCHOLOGY PRACTICAL (CODE – 037)

MONTH	TOPIC
August	Meaningfulness of studying material has an impact on learning
December	Span of attention

SUBJECT: ECONOMICS PRACTICAL (CODE - 030)

MONTH	PROJECT WORK
June (summer vacation)	Make a PPT Presentation on Demand And Supply of McDonalds Choose any one of the following Topics (i)Effect on PPC Due to Various Government Policies (ii) Contemporary Employment Situation in India. (iii) Bumper Production: Boon or Bane for the Farmers.

SUBJECT: APPLIED MATHEMATICS (Code 241)

MONTH	PROJECT WORK
April to September	Suggested Practical using spreadsheet <ol style="list-style-type: none"> 1. Plot the graph of functions on excel study the nature of function at various points, drawing lines of tangents 2. Create a budget of income and spending 3. Create and compare sheet of price & features to buy a product 4. Prepare the best option plan to buy a product by comparing cost, shipping charges, tax and other hidden costs 5. Smart purchasing during sale season 6. Prepare a report card using scores of the last four exams and compare the performance 7. Collect the data on weather, price, inflation, and pollution. Sketch different types of graphs and analyze the results

SUBJECT – PHYSICAL EDUCATION PRACTICAL (CODE - 048)

MONTH	PROJECT WORK
April	–
May	–
July	Procedure for Asanas
August	Procedure for Asanas
September	Fundamental skills of major game
October	Fundamental skills of major game

November	AAPHER Test Pull-Ups(Boys) Sit-Ups Shuttle Run Standing Long Jump 12 minutes Running
December	AAPHER Test Pull-Ups(Boys) Sit-Ups Shuttle Run Standing Long Jump 12 minutes Running
January	Revision

SUBJECT: POLITICAL SCIENCE PROJECT ASSESSMENT (028)

MONTH	SUGGESTIVE TOPICS FOR PRACTICAL
July and August	1. The Philosophy and Making of the Constitution
	2. Fundamental Rights and Duties
	3. Directive Principles of State Policy
	4. Constitutional Amendments
	5. Elections and Democracy
	6. Election System in India
	7. Electoral Reforms
	8. What is Politics? Importance of Political Theory
	9. What is Justice? Different dimensions of Justice
	10. Human Rights
	11. Development Model 73 rd and 74 th Constitutional Amendments

SYLLABUS – INFORMATICS PRACTICES PRACTICAL (065)

MONTH	CHAPTER NO. & NAME
April	Introduction to Python, Interpreter, Compiler & Assembler
May	1. To find average and grade for given marks. 2. To find the sale price of an item with a given cost and discount (%). 3. To calculate perimeter/circumference and area of shapes such as triangle, rectangle, square and circle. 4. To calculate Simple and Compound interest. 5. To calculate profit-loss for a given Cost and Sell Price. 6. To calculate EMI for Amount, Period and Interest. 7. To calculate tax - GST / Income Tax.
July	8. To find the largest and smallest numbers in a list. 9. To find the third largest/smallest number in a list. 10. To find the sum of squares of the first 100 natural numbers. 11. To print the first 'n' multiples of a given number. 12. To count the number of vowels in a user entered List. 13. To print the words starting with a particular alphabet in a user entered List.

August	14. To print the number of occurrences of a given alphabet in a given List. 15. Create a dictionary to store names of states and their capitals. 16. Create a dictionary of students to store names and marks obtained in 5 subjects. 17. To print the highest and lowest values in the dictionary.
September	Revision
October	1. To create a database 2. To create a student table with the student id, class, section, gender, name, dob, and marks as attributes where the student id is the primary key. 3. To insert the details of at least 10 students in the above table. 4. To delete the details of a particular student in the above table. 5. To increase marks by 5% for those students who have Rno more than 20. 6. To display the entire content of the table. 7. To display Rno, Name and Marks of those students who are scoring marks more than 50. 8. To find the average of marks from the student table. 9. To find the number of students, who are from section 'A'. 10. To add a new column email in the above table with appropriate data type. 11. To add the email ids of each student in the previously created email column. 12. To display the information of all the students, whose name starts with 'AN' (Examples: ANAND, ANGAD,..) 13. To display Rno, Name, DOB of those students who are born between '2005-01-01' and '2005-12-31'. 14. To display Rno, Name, DOB, Marks, Email of those male students in ascending order of their names. 15. To display Rno, Gender, Name, DOB, Marks, Email in descending order of their marks. 16. To display the unique section available in the table.
November	MYSQL Revision
December	Python Revision
January	Python Revision

SUBJECT – PAINTING PRACTICAL (CODE -049)

MONTH	TOPIC (COMPOSITION , NATURE AND OBJECT STUDY)
April	Object study/ Folk Art Composition
May	Object study/ Folk Art Composition
July	Object Study/ Daily life Composition
August	Object Study/ Village scene, Gossip Composition
September	Revision
October	Nature & Object Study / Daily life Composition
November	Creative Indian Composition/ Nature & Object Study
December	Nature & Object Study / Musician Composition
January	Revision