Syllabus Planning – Class 11th

Period		
FROM DATE	TO DATE	Syllabus
1st April	22nd April	Need for measurement: Units of measurement; systems of units; SI units, fundamental and derived units. significant figures. Dimensions of physical quantities, dimensional analysis and its applications. Basic Differentiation & Integration
23rd April	09th May	Scalar and vector quantities; position and displacement vectors, general vectors and their notations; equality of vectors, multiplication of vectors by a real number; addition and subtraction of vectors, Unit vector; resolution of a vector in a plane, rectangular components, Scalar and Vector product of vectors.
13th May	23rd May	Frame of reference, Motion in a straight line, uniform and nonuniform motion, and instantaneous velocity, uniformly accelerated motion, velocity - time and position-time graphs. Relations for uniformly accelerated motion (graphical treatment).
1st July	15th July	Motion in a plane, cases of uniform velocity and uniform acceleration projectile motion, uniform circular motion. Intuitive concept of force, Inertia,
16th July	31st july	Newton's first law of motion; momentum and Newton's second law of motion; impulse; Newton's third law of motion. Law of conservation of linear momentum and its applications.
1st August	14th August	Equilibrium of concurrent forces, Static and kinetic friction, laws of friction, rolling friction, lubrication. Dynamics of uniform circular motion: Centripetal force, examples of circular motion (vehicle on a level circular road, vehicle on a banked road).
18th August	31st August	Work done by a constant force and a variable force; kinetic energy, workenergy theorem, power. Notion of potential energy, potential energy of a spring, conservative forces: non-conservative forces, motion in a vertical circle; elastic and inelastic collisions in one and two dimensions.
01st September	06th September	Centre of mass of a two-particle system, momentum conservation and Centre of mass motion. Centre of mass of a rigid body; centre of mass of a uniform rod. Moment of a force, torque, angular momentum, law of conservation of angular momentum and its applications. Equilibrium of rigid bodies, rigid body rotation and equations of rotational motion, comparison of linear and rotational motions. Moment of inertia, radius of gyration, values of moments of inertia for simple geometrical objects (no derivation).

11th

Mechanical Properties of Solids 3rd Oct – 31st Oct	Elasticity, Stress-strain relationship, Hooke's law, Young's modulus, bulk modulus, shear modulus of rigidity (qualitative idea only), Poisson's ratio; elastic energy.
Mechanical Properties of Fluids 1st Nov - 15th Nov	Pressure due to a fluid column; Pascal's law and its applications (hydraulic lift and hydraulic brakes), effect of gravity on fluid pressure. Viscosity, Stokes' law, terminal velocity, streamline and turbulent flow, critical velocity, Bernoulli's theorem and its simple applications. Surface energy and surface tension, angle of contact, excess of pressure across a curved surface, application of surface tension ideas to drops, bubbles and capillary rise.
Thermal Properties of Matter 17th Nov – 30th Nov	Heat, temperature, thermal expansion; thermal expansion of solids, liquids and gases, anomalous expansion of water; specific heat capacity; Cp, Cv - calorimetry; change of state - latent heat capacity. Heat transfer-conduction, convection and radiation, thermal conductivity, qualitative ideas of Blackbody radiation, Wein's displacement Law, Stefan's law .
Thermodynamics 1st Dec -12 th Dec.	Thermal equilibrium and definition of temperature, zeroth law of thermodynamics, heat, work and internal energy. First law of thermodynamics, Second law of thermodynamics: gaseous state of matter, change of condition of gaseous state - isothermal, adiabatic, reversible, irreversible, and cyclic processes.
Kinetic Theory 22nd Dec- 17th Jan	Equation of state of a perfect gas, work done in compressing a gas. Kinetic theory of gases - assumptions, concept of pressure. Kinetic interpretation of temperature; rms speed of gas molecules; degrees of freedom, law of equi-partition of energy (statement only) and application to specific heat capacities of gases; concept of mean free path, Avogadro's number.
Oscillations 19th Jan – 07th Feb	Periodic motion - time period, frequency, displacement as a function of time, periodic functions and their applications. Simple harmonic motion (S.H.M) and its equations of motion; phase; oscillations of a loaded spring- restoring force and force constant; energy in S.H.M. Kinetic and potential energies; simple pendulum derivation of expression for its time period.
Waves 09th Feb- 20th Feb	Wave motion: Transverse and longitudinal waves, speed of travelling wave, displacement relation for a progressive wave, principle of superposition of waves, reflection of waves, standing waves in strings and organ pipes, fundamental mode and harmonics, Beats. AND REVISION .

FIRST TERM SYLLABUS OF ACCOUNTANCY FOR CLASS 11-C (2025-26)	
1st April–22nd April	Fundamentals of Accounting, Basic terms , Theory Base of Accounting
23rd April to 9th May	Cash Basis Vs Accrual Basis of Accounting Accounting Equations
13th May-23rd May	Rules of Debit and Credit Journal
1st July-15th July	Special Journal and GST Ledger
16th July -31st July	Trial Balance Cashbook
1st Aug-14th Aug	Subsidiary Books Depreciation(Without Opening Provision for Depreciation Account)
18th Aug-23rd Aug	Depreciation(With Opening Provision for Depreciation Account)
1st -06th September	Revision for Term I
TERM –II SYLLABUS OF ACCOUNTANCY FOR CLASS 11-C (2025-26)	
3rd October -31st October	Bank Reconciliation Statement
1st to 15th November	Financial Statements(Without Adjustment)

17th -30th November	Financial Statements (With adjustments)
1st -12th December	Provision and Reserve Rectification of Errors
22-17th January	Rectification of Errors(Contd)
19th January -07 Feb	Accounting from Incomplete Records (Statement of Affairs method)
09th Feb-15th Feb	Revision Project work &Viva

Syllabus BIOLOGY

Class 11

2025-26

S. No	Dates		
1st Sem Cycles			
1	7th Apr – 2th Apr	Ch17 –Breathing and Exchange of Gases	
2	23rdApr – 10th May	Ch:18:- Body fluids and circulation	
3	11th May – 17th June	Ch19: Excretion	
4	1st Jul – 19th July	Ch:20: Locomotion and movement	
5 6 7	20th July – 7th August 8th August - 29th August 30th August - 10 September	Ch 21: Nervous system Ch 22: Control and coordination Revision	
2nd Sem Cycles			
1	Oct 3rd- Oct 31st	Cell- overview, Biomolecules	
2	Nov 1st- Nov 15th	Photosynthesis, Respiration	
3	Nov 17th - 30th Nov	Plant growth regulators, Cell cycle	
4	Dec 22nd - 17th Jan	Plants and animals diversity	
5	Jan 19th- Feb 7th	Morphology and Anatomy	
6	Feb 9th - 20th Feb	Revision	

BUSINESS STUDIES SYLLABUS BREAKUP
CLASS XI & XII 2025-26
TERM 1

DATES AND CLASSES	CLASS XI
1st April - 22nd April	Ch-1 Business Trade and Commerce
23rd April - 9th May	Ch-2 Forms of Business organisation
13th May - 23rd May	Ch-7 Formation of a company
1st July - 15th July	Ch-7 Formation of a company(contd). Ch-3 Private, Public and Global Enterprises
16th July - 31st July	Ch-3 Private, Public and Global Enterprises (contd) Ch-4 Business services
1st August - 14th August	Ch-5 Emerging modes of Business
18thAugust - 31st August	Ch-6 Social Responsibilities of Business and Business ethics
1st September - 6th September	Revision

TERM II

DATES AND CLASSES	CLASS XI
17th September - 25th September	First term examination
3rd October to 31st October	Ch- 8 Sources of business finance
1st November to 15th November	Ch-9 Small Business and Entrepreneurship
17th November to 30th November	Ch-9 Small Business and Entrepreneurship(cont.)
1st December to 12th December	Ch-10 Internal trade
22nd December to 17th January	Ch-10 Internal trade (cont.)
19th January to 7th February	Ch-11 International Business
9th February to 20th February	Project work Revision

SYLLABUS PLANNING CLASS 11 CHEMISTRY 2025-26

SEMESTER I

Apr 1-22 Unit 1 Some basic concepts of chemistry

May 23-9 Unit 2 Atomic structure

May 13-23 Unit 2 (ctd)

July 1-15 Unit 3 Classification of elements and periodicity in properties

July 16-31 Unit 4 Bonding and molecular structure

Aug 1-14 Unit 4 (ctd)

Aug 18-31 Unit 7 Redox reactions

Sep 1-6. Revision

SEMESTER II

Oct 3-31 Unit 8 Organic chemistry:some basic principles and techniques

Nov 1-15 Unit 8(ctd)

Nov 17-30 Unit 9 Hydrocarbons

Dec 1-12 Unit 9(ctd)

Dec 22-Jan 17 Unit 5 Chemical Thermodynamics

Jan 19-Feb 7 Unit 6 Equilibrium

Feb 9-20 Unit 6 (ctd)

Revision

Sardar Patel Vidyalaya
Computer Science
2025-26

S. No	Dates/Month	Class XI
1	1st April – 22nd April	Unit- I: • Data Representation
2	23rd April – 9th May	Unit – I: • Encoding Schemes • Boolean Algebra
3	13th May – 23th May	Unit- II: • Circuit Designing • Introduction to problem solving • Basics of Programming
4	1st July – 15th July	Unit-II: • Datatypes • Operators • Errors • Flow of Control
5	16th July – 31st July	Unit – II: • Conditional Statements
6	1st Aug – 14th Aug	Unit – II: • Iterative Statements
7	18th Aug – 31st Aug	Unit – II: • Strings
8	1st Sep – 16th Sep	Revision First Term Examination
9	17th Sep – 25th Sep	First Term Examination
10	3rd Oct – 31st Oct	Unit II: • Introduction to Python Modules • Lists
11	1st Nov – 15th Nov	Unit II: • Lists (contd.) • List Comprehension
12	17th Nov – 30th Nov	Unit II: • Tuples
13	1st Dec – 12th Dec	Unit II: • Dictionaries

14	22nd Dec – 17th Jan	Unit II: • Dictionary Comprehension
15	19th Jan – 7th Feb	Unit – III: • Society, Law and Ethics
16	9th Feb – 20th Feb	Revision

ECONOMICS SYLLABUS BREAKUP 2025-26
TERM I

DATES AND CLASSES	CLASS XI
1st April - 22nd April	Microeconomics Ch-1 Introduction
23rd April - 9th May	Ch-2 Consumer Equilibrium
13th May - 23rd May	Statistics for Economics Ch-1 What is Economics Ch-2 Meaning & scope of statistics
1st July - 15th July	Ch-3 Collection of primary and secondary data Ch-4 Organisation of data Ch-5 Tabular presentation
16th July - 31st July	Microeconomics Ch-3 Demand Ch-4 Elasticity of demand
1st August - 14th August	Statistics for Economics Ch-6 Diagrammatic presentation Ch-7 Graphical presentation
18th August - 31st August	Ch-8 Measures of central tendency- Arithmetic Mean
1st September - 16th September	Revision First Term Examination

TERM II

DATES AND CLASSES	CLASS XI
17th September - 25th September	First term examination
3rd October to 31st October	Microeconomics Ch-5 Production Function Ch-6 Cost
1st November to 15th November	Ch-7 Revenue Statistics for Economics Ch-9 Measures of Central Tendency- Median and Mode
17th November to 30th November	Ch-9 Measures of Central Tendency- Median and Mode (cont.) Microeconomics Ch-8 Producer's Equilibrium
1st December to 12th December	Ch-9 Supply Ch-10 Perfect competition- Meaning and features

22nd December to 17th January	Ch-11 Determination of market equilibrium with simple applications
19th January to 7th February	Statistics for Economics Ch- 10 Correlation Ch-11 Index numbers
9th February to 20th February	Project work Revision

SARDAR PATEL VIDYALAYA
CLASS XI/ ENGLISH SYLLABUS /2025-26

Term I

1 Apr- 22 Apr 2025

1. Letter to the English Teacher
2. The Photograph
3. The Portrait of a Lady
4. Reading Comprehension (Descriptive)

23 Apr- 09 May 2025

1. The Laburnum Top
2. Summer of the Beautiful White Horse
3. Poster (Awareness + Information)
4. Reading Comprehension (Factual)

13 May- 23 May 2025

1. Classified Advertisements (For Sale/To Let)
2. Gap Filling Practice (Grammar)
3. Project Briefing

1 July- 15 July 2025

1. Classified Advertisements (Situation Vacant/Wanted)
2. Note-making (Introduction)
3. The Address

16 July- 31 July 2025

1. Voice of the Rain
2. We are not afraid to die…
3. Note-making

1 Aug- 14 Aug 2025

1. Note-making Summary
2. Discovering Tut
3. Speech Writing
4. Sentence Transformation (Grammar)

18 Aug-31 Aug 2025

1. Reading Comprehension (Factual + Descriptive)
2. Reordering of Sentences/ transformation of sentences

3. Debate Writing

1 Sept- 6 Sept 2025

1. Revision (Classified Advertisements, Poster Making, Debate, Speech
2. Reading Comprehension Practice
3. Listening Comprehension Practice
4. Revision (Reordering of sentences, gap filling, transformation of sentences)

TERM II

3 Oct- 31 Oct 2025

1. Childhood
2. Mother's Day
3. Reading Comprehension (MCQ)

1 Nov- 15 Nov 2025

1. Father to Son
2. Revision (Classified Advertisements)
3. Speech Writing (Revision)

17 Nov- 30 Nov 2025

1. The Adventure
2. Debate Writing (Revision)
3. Note making and Summary (Revision)

1 Dec- 12 Dec 2025

1. Birth
2. Classified Advertisements (Lost and Found)
3. Poster making (Revision)

22 Dec- 17 Jan 2026

1. Silk Road
2. The Tale of Melon City
3. Classified Advertisements (Situation Vacant/Wanted)
4. Reading Comprehension (MCQ+ Subjective)

19 Jan- 07 Feb 2026

1. Poetry Revision
   (i) The Voice of the Rain
   (ii) The Laburnum Top
   (iii) A Photograph

(iv) Childhood
(v) Father to Son

2. Revision (Grammar)
   (i) Gap Filling
   (ii) Transformation of Sentences
   (iii) Sentence Re-ordering
3. Reading Comprehension(Descriptive/factual)

09 Feb- 20 Feb 2026

1. Revision (Prose)
2. Revision (Writing Skills)
   (i) Classified Advertisements
   (ii) Poster making
   (iii) Debate/Speech
   (iv) Note making

Tentative Syllabus (2025-26)
Class XI/ Fine Arts
Sardar Patel Vidyalaya

Term-1(Theory)

1st April- 22nd April:	**Pre-Historic rock paintings** Introduction, Period and Location
23rd April -9th May:	Study and appreciation of following Pre-historic paintings: • Wizard's Dance, Bhimbethaka **Art of Indus Valley** Introduction, Period and Location Study and appreciation of following Sculptures and Terracotta: • Dancing girl • Male Torso • Mother Goddess • Study and appreciation of following Seal: • Bull
13th May -23rd May:	**Art of Indus Valley** • Decoration on earthen wares: • Painted earthen-ware **Buddhist, Jain and Hindu Art** General Introduction to Art during Mauryan, Shunga, Kushana (Gandhara and Mathura styles) and Gupta period:
1st July-15th July:	**Buddhist, Jain and Hindu Art** Study and appreciation of following Sculptures: • Lion Capital from Sarnath • Chauri Bearer from Didar Ganj (Yakshi) • Seated Buddha from Katra Mound • Jain Tirathankara
16th July – 31st July	**Introduction to Ajanta Location** Period, No. of caves, Chaitya and Vihara
1st August- 14th August:	**Introduction to Ajanta Location** Paintings and sculptures, subject matter and technique etc.
18th August- 31st August	**Introduction to Ajanta Location** • Bodhisattva Padmapani Techniques: Rock cut Architecture, sculpture, fresco painting • Mara Vijaya Sculpture
1st Sept – 6th Sept	**Revision**

Term-2 (Theory)

3rd Oct- 31st Oct:	**Artistic aspects of Indian Temple sculpture Period: 6th Century CE to 13th Century CE** • Introduction to Temple Sculpture Study and Appreciation of Notable Temple Sculptures: • Descent of Ganga • Trimurti
1st Nov – 15th Nov:	• Lakshmi Narayana (Kandariya Mahadev Temple) • Cymbal Player (Konark Sun Temple) • Mother and Child (Vimal-Shah Temple, Dilwara)
17th Nov- 30th Nov:	**Bronze Sculptures:** Introduction to Indian Bronzes. Method of casting (solid and hollow)
1st Dec- 12th Dec:	**Bronze Sculptures:** Study and appreciation of following South Indian Bronze: • Nataraj
22nd Dec -17th Jan	**Artistic aspects of the Indo-Islamic architecture:** Introduction
19th Jan- 7th Feb	**Artistic aspects of the Indo-Islamic architecture:** Study and appreciation of following architecture: • Qutub Minar, Delhi • Gol Gumbad of Bijapur
9th Feb-20th Feb	**Revision**

GRADE 11 - HISTORY
SYLLABUS PLANNING FOR SEM - I 2025-26

7 - 22 Apr	- Introduction - Transition to settled communities - Theme 1 - Writing and City Life
23 Apr - 09 May	- Theme 1 - Writing and City Life (contd.) - Submission of Project Proposal
13 - 23 May	- Theme 2 - An Empire Across 3 Continents - Finalization of Project Topic
1 - 15 July	- Theme 3 - Nomadic Empires
16 - 31 July	- Theme 4 - The Three Orders
1 - 14 Aug	- Theme 5 - Changing Cultural Traditions A. Till 'A New Concept of Human Beings'
18 - 31 Aug	- Presentation of Projects
1 - 06 Sep	- Revision for Term I Exam

SYLLABUS PLANNING FOR SEM - II 2025-26

3 - 31 Oct	- Theme 5 - Changing Cultural Traditions B. 'The Aspirations of Women' onwards - Submission of Project Proposal
1 - 15 Nov	- Theme 6 - Displacing Indigenous People - Finalisation of Project Topic
17 - 30 Nov	- Theme 7 - Paths to Modernisation - Beginning of Research for the Project
1 - 12 Dec	- Theme 7 - Paths to Modernisation (contd.)
22 Dec - 17 Jan	- Presentations of Projects - Theme 1 - Bricks, Beads and Bones(Class XII)
19 Jan - 07 Feb	- Theme 2 - Kings, Farmers and Town (Class XII)
09 - 20 Feb	- Revision for Term II Exam

HOME SCIENCE (064)

SYLLABUS PLANNING

Syllabus Planning for Class XI Sem 1 2025-26

Days	Syllabus
01 April-22 April	Unit I: Introduction to Home Science
23 April-09 May	Unit II: Understanding oneself: Adolescence ➢ Ch.- Understanding the Self. Practical 1: Understanding oneself with reference to Physical development and Sexual maturity.
13 May- 23 May	Practical 2: Observe developmental norms: (Physical, Motor, Language and social-emotional) birth to three years. Ch.- Food, Nutrition, Health and Fitness
01-15 July1	Practical 3: List and discuss 4-5 areas of agreement and disagreement with Mother/Father/Siblings/Friends/Teacher ➢ Ch. - Management of Resources
6-31 July	➢ Ch. - Fabric Around us Practical 8: a) Record the fabrics and apparel used in a day b) Categorize them according to functionality
1-14 Aug	➢ Ch. -Media and Communication Technology Practical 4: a) Record own diet for a day b) Evaluate qualitatively for adequacy Practical 5: Preparation of different healthy snacks for an adolescent suitable in her/his context
18-31 ug	➢ Ch-a. Nutrition, Health and Hygiene ➢ Ch. -Resources Availability and Management
1-6 Sept	Revision

Syllabus Planning for Class XI Sem 2 2025-26

Days	Syllabus
3-31 Oct	Practical 6: a) Record one day's activities relating to time use and work b) Prepare a time plan for yourself ➢ Ch. -Survival, growth and development

1-15 Nov	➢ Ch. -Nutrition, health and wellbeing Practical 7: Plan a budget for a given situation/purpose.
17-30 Nov	➢ Ch. -Our apparel Practical 9: Relationship of fibre properties to their usage: a) Thermal property and flammability b) Moisture absorbency and comfort
1-12 Dec	➢ Care and Maintenance of fabrics Practical 10: (a) Analyze label of any one garment with respect to: Clarity, fiber content, size and care instructions. (b) Prepare one care label of any garment. (c) Analyze two different fabric samples for color fastness.
22 Dec-17 Jan	➢ Ch. - Health and Wellness
19-07 Feb	➢ Financial Management and planning Practical file submission
09-20 Feb	Revision

Sardar Patel Vidyalaya
Syllabus Bifurcation / Informatics Practices / 2025-26

S. No	Dates/Month	Class XI
1	1st April – 22nd April	Ch – 1: Computer System
2	23rd April – 9th May	Ch- 3: Brief Overview of Python • Introduction • Keywords • Identifiers • Variables • Datatypes
3	13th May – 23th May	Ch – 3: Brief Overview of Python • Operators • Expressions • Input Output
4	1st July – 15th July	Ch- 3: Brief Overview of Python • if..else
5	16th July – 31st July	Ch- 3: Brief Overview of Python • for loop
6	1st Aug – 14th Aug	Ch – 3: • Nested loops
7	18th Aug – 31st Aug	Revision for Term-I Exams
8	1st Sep – 16th Sep	Revision First Term Examination
9	17th Sep – 25th Sep	First Term Examination
10	3rd Oct – 31st Oct	Ch- 4: Working with Lists and Dictionaries
11	1st Nov – 15th Nov	Ch- 4 (contd.)
12	17th Nov – 30th Nov	Ch – 7: Database concepts
13	1st Dec – 12th Dec	Ch – 8: Introduction to SQL
14	22nd Dec – 17th Jan	Ch – 8 (contd.)
15	19th Jan – 7th Feb	Ch – 2 (Emerging Trends)
16	9th Feb – 20th Feb	Revision

SARDAR PATEL VIDYALAYA (2025-2026)

FIRST TERM SYLLABUS OF MATHS FOR CLASS 11	
1- 22 April	**Chapter - SETS** 1.Sets and their representations, Empty set, Finite and Infinite sets, Equal sets, Subsets, Subsets of a set of real numbers especially intervals (with notations). Universal set. 2. Venn diagrams. Union and Intersection of sets. Difference of sets. Complement of a set. Properties of Complement. 3. Operations of cardinality on 2,3 sets case studies.
23 April - 9 May AND 10 May - 23 May	**Chapter - TRIGONOMETRY** 1. Positive and negative angles. Measuring angles in radians and in degrees and conversion from one measure to another. 2. Definition of trigonometric functions with the help of unit circle. 3. Signs of trigonometric functions for quadrants. 4. Domain and range of trigonometric functions and their graphs. 5. Expressing $sin\,(x \pm y)$ and $cos\,(x \pm y)$ in terms of $sinx$, $siny$,$cosx$ & $cosy$ and their simple applications. 6. Deducing identities of double and triple angles. 7. Transformation formulae.
1 - 15 July	**Chapter - Linear Inequality** Linear inequality in 1 variable – graphical and algebraic solution Linear inequality in 2 variable – graphical solution **Chapter - Permutations and Combinations {started}** Fundamental principle of counting. Factorial n. (n!) Permutations as arrangement of objects without repetitions
16 July - 31 July	**Chapter - Permutations and Combinations {completed}** Combinations, derivation of Formulae for P(n,r) , C(n,r) and their connections, simple applications. How to differentiate between P and C using practical examples.
1 - 14 Aug	**Chapter - Binomial Theorem** Historical perspective, statement and proof of the binomial theorem for positive integral indices. Pascal's triangle, simple applications. **Chapter - Probability{started}** Sample Space for a random experiment.

18 - 31 Aug	**Chapter - Probability{completed}** 1. Events; occurrence of events, 'not', 'and' and 'or' events, exhaustive events, mutually exclusive events 2. Axiomatic (set theoretic) probability, connections with other theories of earlier classes. 3. Probability of an event, probability of 'not', 'and' and 'or' events.
1 - 6 Sep	REVISION

SECOND TERM SYLLABUS OF MATHS FOR CLASS 11	
3- 31 Oct	**Chapter - Sequence and Series** 1. AP Revision, Arithmetic Mean (A.M.) 2. Geometric Progression (G.P.), general term of a G.P., sum of n terms of a G.P., infinite G.P. and its sum 3. Geometric mean (G.M.), relation between A.M. and G.M
1 - 15 Nov	**Chapter - Straight Lines** 1. Brief recall of two-dimensional geometry from earlier classes. 2. Slope of a line and angle between two lines. 3.Various forms of equations of a line: parallel to axis, point -slope form, slope-intercept form, two-point form, intercept form. 4. Distance of a point from a line. 5. Angle between 2 lines.
17 - 30 Nov	**Chapter - Conic Sections** 1. Sections of a cone: circles, ellipse, parabola, hyperbola, a point, a straight line and a pair of intersecting lines as a degenerate case of a conic section. 2. Standard equation of a circle. 3. Standard equations and simple properties of parabola, ellipse and hyperbola.

1 - 12 Dec	**Chapter - 3D Geometry** 1. Coordinate axes and coordinate planes in three dimensions. 2. Coordinates of a point. 3. Distance between two points. **Chapter - Relation and Functions {started}** 1. Ordered pairs. Cartesian product of sets. Number of elements in the Cartesian product of two finite sets. Cartesian product of the set of reals with itself (up to R x R x R). 2. Definition of relation, pictorial diagrams, domain, co-domain and range of a relation. 3. Function as a special type of relation. Pictorial representation of a function, domain, co-domain and range of a function.
22 Dec - 17 Jan	**Chapter - Relation and Functions {completed}** 1. Real valued functions, domain and range of these functions, constant, identity, polynomial, rational, modulus, signum, exponential, logarithmic and greatest integer functions, with their graphs. 2. Sum, difference, product and quotients of functions.
19 - 7 Feb	**Chapter - Limits and Derivatives {started}** 1. Derivative introduced as rate of change both as that of distance function and geometrically. Intuitive idea of limit. 2. Limits of polynomials and rational functions trigonometric, exponential and logarithmic functions. 3. Definition of derivative relates it to scope of tangent of the curve.
9- 20 Feb	**Chapter - Derivatives {completed}** 1.Derivative of sum, difference, product and quotient of functions of polynomial and trigonometric functions. 2. Chain Rule 3. Higher order derivative

SARDAR PATEL VIDYALAYA
PHYSICAL EDUCATION
SYLLABUS
CLASS XI
2025

TERM 1

1st April — 22nd April

Unit 1 — Changing trends & careers in physical education

23rd April – 9th May

Unit 1 —- continues
Unit 2— Introduction of Olympic value education.

13th May – 23rd May

Unit 2— Continues

1st July– 15th July

Unit 3 — Yoga. (Group discussion)
Submission of project work

16th July – 31st July

Unit 4 — Physical education & sports for CWSN.

1st August – 14th August

Unit 5— Physical fitness, Health and wellness

18th August —31st August

Unit 6—- Test, measurement & evaluation

1st September —6th September

Revision

Term 1 exams

PRACTICAL

1) Practice of SAI Khelo India physical fitness Test.

2)The practical file should include the following:

a) labelled diagram of field & equipment any one IOA recognised sport/game. Also mention its history , rules, terminologies & skills. 5 sports personalities.
b) Calculation of BMI of 10 people.

TERM 2

3rd October— 31st October

Unit 7 —- Fundamentals of anatomy and physiology in Sports

1st November — 15th November

Unit 8 —- Fundamentals of Kinesiology and Biomechanics in sports

17th November— 30th November

Unit 8 —— Continues
Unit 9 —— Psychology and sports (Introduction)

1st December— 12th December

Unit 9 —- continues

22nd December— 17th January

Unit 10— Training and doping in sports

19th January— 7th February

Unit 10—- continues

9th February—— 20th February

Thorough revision

Term 2 exams

PRACTICAL

1. Draw a labelled diagram of a standard 400 meter track with computation.

Class – XI (CBSE) – POLITICAL SCIENCE SYLLABUS
TERM-I
APRIL – SEPTEMBER (2025-26)

TIME PERIOD	CONTENT
1st April – 22nd April	***Part A – Indian Constitution at Work*** • Ch1 – Constitution: Why and How? • Ch2 – Rights in the Indian Constitution
23rd April – 9th May	***Part A – Indian Constitution at Work*** • Ch3 – Election and Representation • Ch4 - Executive
13th May – 23rd May	***Part A – Indian Constitution at Work*** • Ch5 – Legislature
1st July – 15th July	***Part A – Indian Constitution at Work*** • Ch6 - Judiciary ***Part B – Political Theory*** • Ch1 – Political Theory: An Introduction
16th July – 31st July	***Part B – Political Theory*** • Ch2 - Freedom • Ch3 – Equality
1st August – 14th August	***Part B – Political Theory*** • Ch4 – Social Justice
18th August – 31st August	***Part B – Political Theory*** • Ch5 - Rights
1st September – 6th	Revision for First Term Examination

September	

Class – XI (CBSE) – POLITICAL SCIENCE SYLLABUS
TERM-II
OCTOBER - FEBRUARY (2025-26)

TIME PERIOD	CONTENT
3rd October– 31st October	***Part B – Political Theory*** • **Ch6 – Citizenship**
1st November – 15th November	***Part B – Political Theory*** • **Ch7 – Nationalism**
17th November – 30th November	***Part A – Indian Constitution at Work*** • **Ch7 - Federalism**
1st December – 12th December	***Part A – Indian Constitution at Work*** • **Ch8 – Local Governments**
22nd December – 17th January	***Part A – Indian Constitution at Work*** • **Ch9 – Constitution as a Living Document**
19th January – 7th February	***Part A – Indian Constitution at Work*** • **Ch10 – The Philosophy of the Constitution**
9th February – 20th February	***Part B – Political Theory*** • **Ch8 – Secularism** **Revision for the Final Examination**

SYLLABUS PLANNING CLASS XI SOCIOLOGY 2025-26 (Term I)

DATES	SYLLABUS
1st April- 22nd April	**BOOK- 1** **Ch- Sociology, Society and its Relationship with other Social Sciences** (Introducing Society: Individuals and collectivises. Pluralities and Inequalities among societies, Introducing Sociology: Emergence. Nature and Scope, Relationship with other Social Science disciplines)
23rd April- 09th May	**Introduction to project work** **&** **Ch- Terms, Concepts and their use in Sociology** (Social Groups and Society, Social Stratification, Status and Role)
13th May- 23rd May	**Ch- Terms, Concepts and their use in Sociology (Continued)** (Society & Social Control)
1st July- 15th July	**Ch- Understanding Social Institutions** (Family, Marriage and Kinship, Work & Economic Life , Political Institutions)
16th July- 31st July	**Ch- Understanding Social Institutions (Continued)** (Religion as a Social Institution, Education as a Social Institution) **Ch- Culture and Socialization** (Defining Culture, Dimensions of Culture, Socialization, Agencies of Socialisation &Sociology)
1st Aug- 14th Aug	**Ch- Culture and Socialization (Continued)** (Agencies of Socialisation & Sociology)
18th Aug- 31st Aug	**Ch- Research Methodology**
1st Sept- 06th Sept	Revision and mock tests (Term I)

SYLLABUS PLANNING CLASS XI SOCIOLOGY 2025-26 (Term II)

3rd- 31st Oct	**BOOK 2** **Ch- Social Change and Social Order in Rural and Urban Society** • Social Change: Types, Causes and Consequences • Social Order: Domination, Authority and Law, Contestation, Crime and Violence
01st - 15th Nov	**Ch- Social Change and Social Order in Rural and Urban Society (continued)** • Concepts: Village, Town and city • Social Order and Social Change in Rural and Urban Areas
17th Nov- 30th Nov	**Ch- Introducing Western Sociologists** • The context of Sociology • Karl Marx on Class Conflict
1st Dec- 12th Dec	**Ch- Introducing Western Sociologists (continued)** • Emile Durkheim : Division of Labour in society • Max Weber : Interpretive Sociology, Ideal Type and Bureaucracy
22nd Dec – 17th Jan	**Ch- Indian Sociologists** • G.S Ghurye on Caste and Race • D.P Mukherjee on Tradition and Change
19th Jan – 07 Feb	**Ch- Indian Sociologists (continued)** • A.R Desai on the state • M.N Srinivas on the village
09th – 20th Feb	**Revision and mock tests**

XI PSYCHOLOGY SYLLABUS

First term

1-22 April	Chapter 1: What is Psychology
23 – 09 may	Chapter 2: Methods of Enquiry - Introduction - Survey method
13-23 may	Chapter 2: Methods of Enquiry - Observation Summer research project
1-15 July	Chapter 2: Methods of Enquiry (completed)
16-31 July	Chapter 3: Human Development - Introduction - Environment and development
1-14 august	Chapter 3: Human development - Infancy and childhood
18-31 august	Chapter 3: Human Development - Adolescence and adulthood
1-06 September	Revision

Second Term:

3-31 October	Chapter 4: sensation, attention and perception
1-15 November	Chapter 5: learning - Classical and operant conditioning
17-30 November	Chapter 5: learning - Observational learning and cognitive learning Introduction to psychological tests
1-12 December	Chapter 6: Memory - Models of memory SCAT and SCQ
22-17 January	Chapter 6: Memory - Forgetting and Mnemonics MPI, DBDA and SPM
19-07 February	Chapter 7: Thinking Chapter 8: Motivation and emotion
9-20 February	Revision