



# SYLLABUS DIVISION FOR THE SESSION 2026-2027

## ENGLISH CORE (301)

### CLASS XI

#### TERM – I

**Weekly Test I : Reading:** Unseen Passage **Grammar and Writing:** Integrated Grammar, Poster Making  
**Literature:** The Portrait of a Lady

**Weekly Test II : Reading:** Unseen Passage **Grammar and Writing:** Integrated Grammar, Speech Writing  
**Literature:** A Photograph, We're not afraid to die... if we can all be together, The Summer of the Beautiful White Horse

**Half Yearly Examination: Reading:** Unseen Passage, Note- Making **Grammar and Writing:** Integrated Grammar, Poster, Notice, Advertisement, Speech, Article Writing **Literature:** The Portrait of a Lady, A Photograph, We're not afraid to die... if we can all be together, The Summer of the beautiful white horse, Discovering Tut – the saga continues, The Laburnum Top, The Voice of the Rain, Childhood, The Address

MONTH	HORNBILL	SNAPSHOTS	GRAMMAR / WRITING SKILLS
<b>April</b> (1c Pds)	<b>Introduction</b> (Pasting picture of Hornbill) <b>Syllabus and blueprint discussion</b> The Portrait of a Lady (Story narration in flashback, discussion on various walking style giving emphasis on vocabulary)		<b>Integrated Grammar Exercise:</b> Tenses and Editing task Rearrangement of sentences/words Reading Comprehension Poster Making
<b>May</b> (17 Pds)	A Photograph (Poem) (Pasting and describing any picture from childhood) We're not Afraid to Die... if We can All be Together (Reporting incidents as a reporter/ through note making)	The Summer of the beautiful white horse (Writing episodes in present tense)	Speech Writing Note Making Notice Writing
<b>June</b>		<b>SUMMER BREAK</b>	
<b>July</b> (21 Pds)	Discovering Tut – the saga continues (Discussion through PPT) The Laburnum Top (Poem) (Pasting pics, writing and speaking and episode with birds)		Project Report Submission <b>Grammar:</b> Gap filling Article Writing
<b>August</b> (19 Pds)	The Voice of the Rain(Poem) (Writing a science experiment or process in poetry) Childhood(Poem) (Creative writing on lost childhood)	The Address (Discussion on emotions, fears and challenges faced by the characters of the story)	Advertisement: Classified-Situation Vacant/Wanted, Report Writing for magazine and Newspaper ( pasting clippings) <b>Grammar:</b> Transformation of sentences-Narration

<b>September (03 Pds)</b>	<b>REVISION</b>		Subject Enrichment Activity: ASL Idioms and phrases
<b>TERM –II</b>			
<b>Weekly Test (II Term): Reading:</b> Unseen Passage <b>Grammar and Writing:</b> Invitation/Reply, Debate <b>Literature:</b> Adventure, Mother’s Day <b>Annual Examination:</b> Whole Syllabus			
<b>October (18 Pds)</b>	The Adventure (Discussion/ Imagining alternate reality or symbolism of ‘The Door’)	Mother’s Day (Enactment)	Advertisement: Classified- Tour and Travel, Lost and Found Formal/Informal Invitation and Reply, Debate Writing
<b>November (17 Pds)</b>	Silk Road (Pictorial vocabulary, discussion on travelogue)	Birth (Discussion and debate- bookish knowledge and practical knowledge/ experience or knowledge)	Advertisement: Classified- To Let, Property for sale/purchase Letter Writing: Application for a job with bio data
<b>December (10 Pds)</b>	Father to son (Discussion, diary entry to father)	Tale of the Melon City (Enactment of the king’s trial, discussion on satire vs irony in reference to societal norms)	Debate Writing Grammar: Transformation of sentences- active & passive voice Integrated grammar exercises
<b>January (17 Pds)</b>	<b>REVISION</b>		<b>Subject Enrichment Activity:</b> ASL Letter to the editor



**SYLLABUS BREAK -UP [PHYSICS]**

**CLASS: XI [SESSION 2026-27]**

**BOOK: PHYSICS [NCERT]**

S.N	CHAPTER	SUB TOPICS	PERIODS
<b>10<sup>th</sup> April 2025 to 26<sup>th</sup> May 2025</b>			
	<b>Unit I Chapter–1: Units and Measurements</b>	Need for measurement: Units of measurement; systems of units; SI units, fundamental and derived units. significant figures.	<b>6</b>
		Dimensions of physical quantities, dimensional analysis and its applications	<b>6</b>
<b>CYCLE TEST I Chapter–1: Units and Measurements</b>			
<b>1<sup>st</sup> July 2025 to 08<sup>th</sup> Sep 2025</b>			
	<b>Unit II: Kinematics Chapter–3: Motion in a Straight Line</b>	Frame of reference, Motion in a straight line, Elementary concepts of differentiation and integration for describing motion, uniform and non- uniform motion, average speed and average velocity and instantaneous velocity,	<b>4</b>
		Uniformly accelerated motion, velocity - time and position-time graphs. Relations for uniformly accelerated motion (graphical and calculus treatment)	<b>4</b>
		<b>Scalar and vector quantities:</b> Position and displacement vectors, general vectors and their notations; equality of vectors	<b>4</b>
		Multiplication of vectors by a real number; addition and subtraction of vectors,	<b>4</b>
		Unit vector; resolution of a vector in a plane, rectangular components, Scalar and Vector product of vectors.	<b>4</b>
	<b>Chapter–4: Motion in a Plane</b>	<b>Motion in a plane:</b> cases of uniform velocity and uniform acceleration	<b>4</b>
		Projectile motion, uniform circular motion.	<b>4</b>
<b>CYCLE TEST II Unit II: Kinematics</b>			
	<b>Unit III: Laws of Motion Chapter–5: Laws of Motion</b>	Intuitive concept of force, Inertia, Newton's first law of motion; momentum and Newton's second law of motion; impulse; Newton's third law of motion.	<b>3</b>
		Equilibrium of concurrent forces, Static and kinetic friction, laws of friction, rolling friction, lubrication.	<b>7</b>
		<b>Dynamics of uniform circular motion:</b> Centripetal force, examples of circular motion (vehicle on a level circular road, vehicle on a banked road).	<b>7</b>

	<b>Unit IV: Work, Energy and Power Chapter–6: Work, Energy and Power</b>	Work done by a constant force and a variable force; kinetic energy, work- energy theorem, power.	<b>3</b>
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		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.	<b>7</b>
<b>HALF YEARLY EXAMINATION</b> <b>Unit-1: Units and Measurements</b> <b>Unit II: Kinematics</b> <b>Unit III: Laws of Motion</b> <b>Unit IV: Work, Energy and Power</b>			
<b>1<sup>st</sup> Oct 2025 to 10<sup>th</sup> Dec 2025</b>			
	<b>Unit VI: Gravitation</b> <b>Chapter-8: Gravitation</b>	Kepler's laws of planetary motion, universal law of gravitation.	<b>2</b>
		Acceleration due to gravity and its variation with altitude and depth.	<b>3</b>
		Gravitational potential energy and gravitational potential, escape velocity,	<b>3</b>
		orbital velocity of a satellite, energy of an orbiting satellite.	<b>2</b>
	<b>Unit V: Motion of System of Particles and Rigid Body</b> <b>Chapter-7: System of Particles and Rotational Motion</b>	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.	<b>3</b>
		Moment of a force, torque, angular momentum, law of conservation of angular momentum and its applications	<b>4</b>
		Equilibrium of rigid bodies, rigid body rotation and equations of rotational motion, comparison of linear and rotational motions.	<b>3</b>
		Moment of inertia, radius of gyration, values of moments of inertia for simple geometrical objects (no derivation).	<b>3</b>
<b>CYCLE TEST I TERM II</b> <b>Unit VI: Gravitation</b> <b>Unit V: Motion of System of Particles and Rigid Body</b>			
<b>15<sup>th</sup> Dec 2025 to 31<sup>st</sup> Jan 2026</b>			
	<b>Unit VII: Properties of Bulk Matter</b> <b>Chapter-9: Mechanical Properties of Solids</b>	Elasticity, Stress-strain relationship, Hooke's law, Young's modulus, bulk modulus, shear modulus of rigidity (qualitative idea only), Poisson's ratio; elastic energy. Application of elastic behavior of materials (qualitative idea only).	<b>3</b>
	<b>Chapter-10: Mechanical Properties of Fluids</b>	Pressure due to a fluid column; Pascal's law and its applications (hydraulic lift and hydraulic brakes), effect of gravity on fluid pressure.	<b>4</b>
		Viscosity, Stokes' law, terminal velocity, streamline and turbulent flow, critical velocity,	<b>5</b>

	Bernoulli's theorem and its simple applications. (Torricelli's law and Dynamic lift)	<b>4</b>
	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.	<b>5</b>
<b>Chapter–11: Thermal Properties of Matter</b>	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	<b>5</b>
<b>Unit VIII: Thermodynamics Chapter–12: Thermodynamics</b>	Thermal equilibrium and definition of temperature, zeroth law of thermodynamics, heat, work and internal energy. First law of thermodynamics, Second law of thermodynamics: Thermodynamic state variable and equation of state. Change of condition of gaseous state - isothermal, adiabatic, reversible, irreversible, and cyclic processes.	<b>7</b>
<b>Unit IX: Behavior of Perfect Gases and Kinetic Theory of Gases Chapter–13: Kinetic Theory</b>	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.	<b>5</b>
<b>Unit X: Oscillations and Waves Chapter–14: Oscillations</b>	Periodic motion - time period, frequency, displacement as a function of time, periodic functions and their application.	<b>4</b>
	Simple harmonic motion (S.H.M) and its equations of motion; phase; oscillations of a loaded spring- restoring force and force constant;	<b>4</b>
	Energy in S.H.M. Kinetic and potential energies; simple pendulum derivation of expression for its time period.	<b>4</b>
<b>Chapter–15: Waves</b>	Wave motion: Transverse and longitudinal waves, speed of travelling wave, displacement relation for a progressive wave	<b>2</b>
	Principle of superposition of waves, reflection of waves	<b>3</b>
	Standing waves in strings and organ pipes fundamental mode and harmonics	<b>3</b>
	Beats.	<b>1</b>

**EXTRA CLASSES MAY BE CONDUCTED AS PER REQUIREMENT.**

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## LIST OF EXPERIMENTS

1. To measure internal diameter and depth of a given beaker/calorimeter using Vernier Callipers and hence find its volume.
2. To measure diameter of a given wire using screw Gauge and hence find its volume.
3. To find the weight of a given body using parallelogram law of vectors.
4. To find the acceleration due to gravity, using a simple pendulum.
5. To find the force constant of a helical spring by plotting a graph between load and extension.
6. To determine the frequency of given tuning fork using a sonometer.
7. To determine mass of a given body using a metre scale by principle of moments.
8. To determine the atmospheric pressure using Fortin's Barometer.



## CHEMISTRY

### Syllabus Class XI 2026-27

#### LEARNING OBJECTIVES:

1. To develop positive scientific attitude, and appreciated contribution of Chemistry towards the improvement of quality of human life.
2. To develop problem solving skills and nurture curiosity, aesthetic sense and creativity.
3. To Emphasis on promoting process-skills, problem solving abilities and application of concepts on chemistry Useful in real life situation for making learning of Chemistry more relevant, meaningful and interesting.

Month	Chapter Name	Practical
April & May	Ch-1: Some basic concepts of Chemistry · Ch-2: Structure of atom ·	· Basic laboratory techniques · · Determination of anion.
JULY	· Ch-2: Structure of atom (Contd.) · Ch-3: Classification of elements and periodicity in properties ·	· Determination of anion
August	Ch-4: Chemical bonding and molecular structure	· Determination of cation
September	Revision for Term I	
October	Ch-8: Redox reactions · Ch-6: Thermodynamics · Determination of cation	· Determination of cation
November	Ch-7: Equilibrium	· Volumetric analysis
December	Ch-12: Organic Chemistry some basic principles and techniques	· Volumetric analysis
January	· Ch-13: Hydrocarbons	· Determination of cation and anion in the given salt
February	REVISION	
UT 1	· Ch-1: Some basic concepts of Chemistry	
UT 2	· Ch-6 Thermodynamics	
UT 3	· Ch-7 Equilibrium	
TERM I	· Chapter -1,2,3,4	
TERM II	· Complete Syllabus	



## SYLLABUS DISTRIBUTION [2026-27]

CLASS: XI

SUBJECT: BIOLOGY [044]

### DETAILED DISTRIBUTION OF THE SYLLABUS:

S.N O.	UNIT	NAME OF THE UNIT	CH. NO.	CHAPTER	PRACTICALS	TENATIVE MONTHS
1.	I	<u>DIVERSITY OF LIVING ORGANISMS</u>	1	Cell-The Unit of Life The Living World	Parts of a compound microscope.	<b>APRIL-JULY</b>
			2	Biological Classification	Specimens/slides/models and identification with reasons	
			3	Plant Kingdom	Specimens/slides/models and identification with reasons	
			4	Animal Kingdom	Virtual specimens/slides/models and identifying features	
2.	V	<u>HUMAN PHYSIOLOGY</u>	14	Breathing and Exchange of Gases	Virtual specimens/slides/models and identifying features	<b>JULY-SEPTEMBER</b>
			15	Body Fluids and Circulation	Study and describe locally available common flowering plants	
			16	Excretory Products and their Elimination	Study of osmosis by potato osmometer	
			17	Locomotion and Movement	Comparative study of the rates of transpiration	
			18	Neural Control and Coordination	Study of distribution of stomata on the upper and lower surfaces of leaves.	
			19	Chemical Coordination and Integration	Mitosis in onion root tip cells and animals cells	
3.	IV	<u>PLANT PHYSIOLOGY</u>	11	Photosynthesis in Higher Plants	Study of plasmolysis in epidermal peels	<b>OCTOBER-NOVEMBER</b>
			12	Respiration in Plants	Preparation and study of T.S. of dicot and monocot roots and stems (primary).	
			13	Plant - Growth and Development	Test for the presence of sugar, starch, proteins and fats in suitable plant and	

					animal materials.	
4.	III	<u>STRUCTURE AND FUNCTION OF CELL</u>	8	Cell: Structure and Function	Separation of plant pigments through paper chromatography.	<b>NOVEMBER-DECEMBER</b>
			9	Biomolecules	Study of the rate of respiration in flower buds/leaf tissue and germinating seeds.	
			10	Cell Cycle and Division	Different types of inflorescence	
					Human skeleton and different types of joints with the help of virtual images/models only	
5.	II	<u>STRUCTURAL ORGANIZATION IN ANIMALS AND PLANT</u>	5	Morphology of Flowering Plants	Test for presence of urea in urine	<b>JANUARY</b>
			6	Anatomy of Plants	Test for presence of sugar in urine	
			7	Structural Development in Animals	Test for presence of albumin in urine	
					Test for presence of bile salts in urine	
<b>WRITTEN TEST I (TERM I) [13.05.2025] CHAPTERS 1 AND 2</b>						
<b>WRITTEN TEST II (TERM I) [04.08.2025] CHAPTERS 3 AND 4</b>						
<b>HALF YEARLY EXAMINATION [SEPTEMBER ONWARDS] CHAPTERS: 1, 2, 3, 4, 14, 15</b>						
<b>WRITTEN TEST (TERM II) [16.12.2025] CHAPTERS 16 AND 17</b>						
<b>ANNUAL EXAMINATION [ALL THE CHAPTERS FROM CHAPTER 1 TO CHAPTER 19]</b>						



## SYLLABUS BREAKUP (2026-27)

SUBJECT: MATHEMATICS

CLASS XI

FIRST CYCLE WRITTEN TEST: MAY 13, 2025

SECOND CYCLE WRITTEN TEST: AUGUST 04, 2025

HALF-YEARLY EXAM: SECOND WEEK OF SEPTEMBER, 2025 ONWARDS

SECOND WRITTEN TEST: DECEMBER 16, 2025

ANNUAL EXAM.: FEBRUARY 12, 2026 ONWARDS

### APRIL & MAY

<b>TOTAL NUMBER OF WORKING DAYS:</b>	<b>29 Days (app.)</b>
<b>TOTAL NUMBER OF PERIODS INVOLVED IN TEACHING:</b>	<b>37 periods (app.)</b>
<b>CHAPTER</b>	<b>NO. OF PERIODS</b>
<b>1. SETS</b>	<b>[9]</b>
[a] Sets and their Representations	1
[b] Empty Set, Finite and Infinite Sets, Equal Sets	1
[c] Subsets, Power Sets, Universal Set	2
[d] Venn Diagram, Operation on Sets Complements of a set	2
[e] Practical problems on Union and Intersection of Two Sets	3
<b>2. RELATIONS AND FUNCTIONS</b>	<b>[11]</b>
[a] Cartesian product of Sets	1
[b] Relations	2
[c] Functions	2
[d] Domain & Range	2
[e] Types of functions	2
[f] Composition of Functions	2
<b>3. TRIGONOMETRIC FUNCTIONS</b>	<b>[17]</b>
[a] Measuring Angles in Radians and Degrees	2
[b] Signs of Trigonometric Functions	2
[c] Addition and Subtraction Formulae	2
[d] Conversion of sum & difference into product	2
[e] Conversion of product into sum and difference	3
[f] Identities related to multiple and Sub-multiple angles.	3
[g] General solution of trigonometric equations of the type $\sin y = \sin a$ , $\cos y = \cos a$ and $\tan y = \tan a$ .	3

### JULY

<b>TOTAL NUMBER OF WORKING DAYS:</b>	<b>22Days (app.)</b>
<b>TOTAL NUMBER OF PERIODS INVOLVED IN TEACHING:</b>	<b>27 periods (app.)</b>
<b>4. COMPLEX NUMBERS AND QUADRATIC EQUATIONS</b>	<b>[9]</b>
[a] Definition of Complex Numbers	1
[b] Algebra of Complex Numbers and Problems	2
[c] Geometrical Representation of Complex Numbers	2
[d] Argand plane and Problems, Polar representation of complex numbers.	2
[e] Solution of quadratic equations (with real coefficients) in the complex number system.	2
<b>5. LINEAR INEQUALITIES</b>	<b>[7]</b>
[a] Algebraic Solutions of Linear Inequalities in one variable and their representation on number line.	4
[b] Graphical solution of linear inequalities and system in two variables.	3

<b>6. PERMUTATION AND COMBINATION</b>	<b>[11]</b>
[a] Fundamental Principle of Counting and Factorial Notation	2
[b] Permutations and Restricted Permutations	3
[c] Combination	3
[d] Problems involving Permutation & Combination both	3

## AUGUST&SEPTEMBER

<b>TOTAL NUMBER OF WORKING DAYS:</b>	<b>29Days (app.)</b>
<b>TOTAL NUMBER OF PERIODS INVOLVED IN TEACHING:</b>	<b>35periods (app.)</b>
<b>7. BINOMIAL THEOREM</b>	<b>[7]</b>
[a] Binomial Theorem for Positive Integral Indices	2
[b] General and Middle Term	2
[c] Problem Discussions	3
<b>8. SEQUENCES AND SERIES</b>	<b>[10]</b>
[a] Arithmetic Progression	1
[b] Geometric Progression	4
[c] Relationship between A.M. and G.M.	2
[d] Sum of infinite G.P.	1
[e] Formulae for the special sums $\sum n, \sum n^2, \sum n^3$	2
<b>9. STRAIGHT LINE</b>	<b>[12]</b>
[a] Introduction	1
[b] Slope of Line	2
[c] Various forms of equation of a line parallel to axis, point -slope form, Normal Slope-intercept form, two-point form, intercept form, Distance of a point from a line.	3
[d] General Equation of a line and angle between two lines	2
[e] Distance of a point from a line and Distance between parallel lines	2
[f] Problems	2
<b>REVISION</b>	<b>[6]</b>

## OCTOBER

<b>TOTAL NUMBER OF WORKING DAYS:</b>	<b>19 Days (app.)</b>
<b>TOTAL NUMBER OF PERIODS INVOLVED IN TEACHING:</b>	<b>23periods (app.)</b>
<b>10. CONIC SECTION</b>	<b>[10]</b>
[a] Section of a Cone	1
[b] Circle	3
[c] Parabola	2
[d] Ellipse	2
[e] Hyperbola & Problems	2
<b>11. LIMITS &amp; DERIVATIVES</b>	<b>[13]</b>
[a] Introduction	1
[b] Limits	2
[c] Limits of Trigonometric Functions	2
[d] Problems	3
[e] Derivatives, Chain Rule	3
[f] Problems	2

## NOVEMBER AND DECEMBER

<b>TOTAL NUMBER OF WORKING DAYS:</b>	<b>30Days (app.)</b>
<b>TOTAL NUMBER OF PERIODS INVOLVED IN TEACHING:</b>	<b>35 periods (app.)</b>
<b>12. STATISTICS</b>	<b>[12]</b>
[a] Measures of Dispersion	2
[b] Range Mean Deviation	3
[c] Variance and Standard Deviation	7
<b>13. PROBABILITY</b>	<b>[16]</b>
[a] Random Experiments	2
[b] Events and Types of Events	3
[c] Axiomatic Approach to Probability	3
[d] Problem Discussion	8
<b>14. INTRODUCTION TO THREE DIMENSIONAL GEOMETRY</b>	<b>[7]</b>
[a] Co-ordinate Geometry and Planes in 3-D Space	1
[b] Co-ordinate of a point in Space	1
[c] Distance Formula	1
[d] Section Formula & Problems	4

## JANUARY AND FEBRUARY

<b>TOTAL NUMBER OF WORKING DAYS:</b>	<b>24Days (app.)</b>
<b>TOTAL NUMBER OF PERIODS INVOLVED IN TEACHING:</b>	<b>30 periods (app.)</b>
<b>15. PRINCIPLE OF MATHEMATICAL INDUCTION</b>	<b>[6]</b>
<b>REVISION</b>	<b>[24]</b>



**CLASS XI**  
**BUSINESS STUDIES (054)**  
**SESSION 2026-2027**

Unit	Topic	Marks
<b>Part A</b>	<b>Foundations of Business</b>	
1.	Business, Trade and Commerce	16
2.	Forms of Business Organisations	
3.	Public, Private and Global Enterprises	14
4.	Business Service	
5.	Emerging Modes of Business	10
6.	Social Responsibility and Business Ethics	
<b>Part B</b>	<b>Finance and Trade</b>	
7.	Sources of Business Finance	20
8.	Small Business	
9.	Internal Trade	20
10.	International Business	
11.	Project Work	20
	<b>Total</b>	<b>100</b>
	<b>APRIL-MAY 2025</b>	<b>PERIODS</b>
<b>PART A</b>	<b>FOUNDATIONS OF BUSINESS (40 MARKS)</b>	
<b>UNIT 1</b>	<b>BUSINESS, TRADE AND COMMERCE</b>	
	History of Trade and Commerce in India: Indigenous Banking System, Rise of Intermediaries, Transport, Trading Communities: Merchant Corporations, Major Trade Centre, Major Imports and Exports, Position of Indian Sub-Continent in the World Economy.	5
	Business- Meaning and characteristics	2
	Business, profession and employment - concept	1
	Objectives of business - economic and social, role of profit in business Classification of business activities: Industry and Commerce.	3
	Industry - types: primary, secondary, tertiary: meaning and subgroups	2
	Commerce - trade and auxiliaries to trade: Banking, insurance, transportation, warehousing, communication, and advertising.	1
	Business risks –concept, nature and causes.	2

<b>UNIT 2</b>	<b>FORMS OF BUSINESS ORGANISATIONS</b>	
	Sole Proprietorship - meaning, features, merits and limitations.	3
	Partnership - Features, types, merits and limitations of partnership, registration of a partnership firm, partnership deed. Type of partners.	4
	Hindu Undivided Family Business: features.	1
	Cooperative Societies- features, types, merits and limitations.	3
	Company: Features, merits and limitations. Types: Private, Public and One Person Company - Concept	3
	Formation of a company- stages and documents	4
	Choice of form of business organisation: factors.	1
	<b>FIRST WRITTEN TEST WILL INCLUDE UNIT 1 &amp; UNIT 2</b>	
	<b>JULY- SEPTEMBER 2025</b>	
<b>UNIT 3</b>	<b>PUBLIC, PRIVATE &amp; GLOBAL ENTERPRISES</b>	
	Private sector and public sector enterprises- Concept	2
	Forms of public sector enterprises: features, merits and limitations of Departmental Undertakings, Statutory Corporation and Government Co.	4
	Global Enterprises, Joint Venture and Public Private Partnership – Meaning and features	2
		1
<b>UNIT 4</b>	<b>BUSINESS SERVICES</b>	
	Business Services- meaning and types.	1
	Banking: types of bank accounts- savings, current, recurring, fixed deposit and multiple option deposit accounts.	1
	Banking services with particular reference to issue of bank draft, bank overdraft, cash credits and e- banking. Meaning & Types of digital payments	4
	Insurance: principles, concept of life, health, fire and marine insurance.	4
	Postal Service-Mail, Registered Post, Parcel, Speed Post, Courier-meaning.Understand the utility of different telecom services	1
<b>UNIT 5</b>	<b>EMERGING MODES OF BUSINESS</b>	
	E-Business –meaning, scope and benefits. Distinguish between e-business and traditional business.	4
	<b>SECOND WRITTEN TEST WILL INCLUDE UNIT 3, 4 &amp; 5</b>	
<b>UNIT 6</b>	<b>SOCIAL RESPONSIBILITY OF BUSINESS &amp; BUSINESS ETHICS</b>	
	Concept of social responsibility.	1
	Case for social responsibility.	2
	Responsibility towards owners, investors, consumers, employees, government and community.	2
	Environment protection and business.	1
	Business ethics and its elements.	1
	<b>REVISION (HALF YEARLY SYLLABUS )</b>	
	<b>HALF YEARLY EXAMINATION WILL INCLUDE UNIT 1 TO 6</b>	7
	<b>OCTOBER -NOVEMBER 2025</b>	

	<b>PROJECT WORK DISCUSSION</b>	8
<b>PART B</b>	<b>FINANCE &amp; TRADE (40 MARKS)</b>	
<b>UNIT 7</b>	<b>SOURCES OF BUSINESS FINANCE</b>	
	Concept of business finance- meaning, nature and importance	2
	Owner's funds –meaning of equity shares, preference shares and retained earnings.	6
	Borrowed funds- concept of debentures and bonds, loan from financial institutions, loans from commercial banks, trade credit, ICD (Inter Corporate Deposits).	6
<b>UNIT 8</b>	<b>SMALL BUSINESS &amp; ENTERPRISES</b>	
	Entrepreneurship Development (ED): Concept, Characteristics and Need.	2
	Process of Entrepreneurship Development: Start-up India Scheme, ways to fund start-up	2
	Intellectual Property Rights and Entrepreneurship	2
	Small scale enterprise as defined by MSMED Act 2006 (Micro,Small and Medium Enterprise Development Act)	2
	Role of small business in India with special reference to Rural Areas	2
	Government schemes and agencies for small scale industries: NSIC (National Small Industries Corporation) and DIC (District Industrial Center) with special reference to rural and backward area.	2
	<b>DECEMBER 2025 AND JANUARY 2026</b>	
<b>UNIT 9</b>	<b>INTERNAL TRADE</b>	
	Internal Trade: meaning and types. Services rendered by a wholesaler and a retailer ;Types of retail trade- itinerant and small scale fixed shops	4 2
	Large scale retailers- Concept of departmental stores, chain stores and mail order business ;GST (Goods and Services Tax): Concept and key-feature	3 2
<b>UNIT 10</b>	<b>INTERNATIONAL TRADE</b>	
	Concept of international trade. Scope of international trade to the nation and business firms	3
	Export and Import trade: Meaning, Objectives and procedure, Documents involved in International Trade; indent, letter of credit, shipping order, shipping bills, mate's receipt, specimen of the documents, importance	8
	Meaning and Objectives of WTO	1
	<b>FEBRUARY 2026 REVISION</b>	
	<b>The syllabus is intended to be completed by the last week of January 2026. The final examinations will cover the entire syllabus. Project of 20 marks will be evaluated in annual exams.</b>	
	<b>Suggestive Projects</b> <b>Any one of the following</b> Project 1: Field Visit Project 2: Case study on a product Project 3: Auxiliaries to trade Project 4: Visit to any State Emporium (other than your School State) Project 5: Import/Export procedure <b>Recommended text book</b>	

	<b>1. Business Studies published by NCERT</b>	
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	<p>Accounting Standards: Applicability in Ind AS</p> <p>Goods and Services Tax (GST): Characteristics and Advantages.</p>	<p>2</p> <p>2</p>	<p>Explain the meaning, applicability, objectives, advantages and limitations of accounting standards.</p> <p>Appreciate that various accounting standards developed nationally and globally are in practice for bringing parity in the accounting treatment of different items.</p> <p>Acknowledge the fact that recording of accounting transactions follows double entry system.</p> <p>Explain the bases of recording accounting transaction and to appreciate that accrual basis is a better basis for depicting the correct financial position of an enterprise.</p> <p>Explain the meaning, advantages and characteristic of GST.</p>
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**Unit-2: Accounting Process**

<b>Unit-2</b>	Units/Topics		Learning Outcomes
	<p><u>CH-3 Recording of Transactions – I: Voucher and Transactions: Source documents and Vouchers, Preparation of Vouchers, Accounting Equation Approach: Meaning and Analysis, Rules of Debit and Credit.</u></p> <p>Recording of Transactions: Books of Original Entry-Journal</p> <p><b><u>JULY-2025</u></b></p> <p><u>CH-4 Recording of Transactions -II</u></p> <p>Cash Book: Simple, cash book with bank column and petty cash book</p>	<p>18</p> <p>30</p>	<p>After going through this Unit, the students will be able to:</p> <p>explain the concept of accounting equation and appreciate that every transaction affects either both the sides of the equation or a positive effect on one item and a negative effect on another item on the same side of accounting equation.</p> <p>explain the effect of a transaction (increase or decrease) on the assets, liabilities, capital, revenue and expenses.</p>



	<p>Creating provision for depreciation/accumulated depreciation account, Treatment of disposal of asset</p> <p><b><u>SEPTEMBER-2025</u></b></p> <p>Provisions, Reserves, Difference between Provisions and Reserves.</p> <p>Types of Reserves:</p> <p>Revenue reserve</p> <p>Capital reserve</p> <p>General reserve</p> <p>Specific reserve</p> <p>Secret Reserve</p> <p>Difference between capital and revenue reserve</p> <p><b>REVISION FOR HALF YEARLY EXAM</b></p>	<p>4</p> <p>8</p>	<p>account or by preparing asset disposal account.</p> <p>Appreciate the need for creating reserves and also making provisions for events which may belong to the current year but may happen in next year.</p> <p>Appreciate the difference between reserve and reserve fund.</p>
	<p><b><u>OCTOBER - 2025</u></b></p> <p><u>CH-6 Trial balance and Rectification of Errors</u></p> <p>Trial balance: objectives, meaning and preparation (Scope: Trial balance with balance method only)</p> <p>Errors: classification-errors of omission, commission, principles, and compensating; their effect on Trial Balance.</p> <p>Detection and rectification of errors; Errors which do not affect trial balance Errors which affect trial balance Preparation of suspense account.</p>	<p>22</p>	<p>State the need and objectives of preparing trial balance and develop the skill of preparing trial balance.</p> <p>Appreciate that errors may be committed during the process of accounting.</p> <p>Understand the meaning of different types of errors and their effect on trial balance.</p> <p>Develop the skill of identification and location of errors and their rectification and</p> <p>Preparation of suspense account.</p>

**Part B: Financial Accounting –I & II**

**Unit 3: Financial Statements of Sole Proprietorship**

	<b>Units/Topics</b>		<b>Learning Outcomes</b>
	<p><b><u>NOVEMBER-2025</u></b></p> <p><u>CH-8, 9 &amp; 10 Financial Statements-I, II And Accounting from Incomplete Records</u></p> <p>Meaning, objectives and importance; Revenue and Capital Receipts; Revenue and Capital Expenditure; Deferred Revenue expenditure. Opening journal entry.</p> <p>Trading and Profit and Loss Account: Gross Profit, Operating profit and Net profit. Preparation. Balance Sheet: need,</p>	<p>16</p>	<p>After going through this Unit, the students will be able to:</p> <p>State the meaning of financial statements the</p> <p>Purpose of preparing financial statements.</p>

	<p>grouping and marshalling of assets and liabilities. Preparation. Adjustments in preparation of financial statements with respect to closing stock, outstanding expenses, prepaid expenses, accrued income, income received in advance, depreciation, bad debts, provision for doubtful debts, provision for discount on debtors, Abnormal loss, Goods taken for personal use/staff welfare, interest on capital and managers commission. Preparation of Trading and Profit and Loss account and Balance Sheet of a sole proprietorship with adjustments.</p>		<p>State the meaning of gross profit, operating profit and net profit and develop the skill of preparing trading and profit and loss account.</p> <p>Explain the need for preparing balance sheet.</p> <p>Understand the technique of grouping and marshalling of assets and liabilities.</p> <p>Appreciate that there may be certain items other than those shown in trial balance which may need adjustments while preparing financial statements.</p> <p>Develop the understanding and skill do adjustments for items and their presentation in financial statements like depreciation, closing stock, provisions, abnormal loss etc.</p> <p>Develop the skill of preparation of profit and loss account and balance sheet.</p>
	<p><b><u>Incomplete Records</u></b> Features, reasons and limitations. Ascertainment of Profit/Loss by Statement of Affairs method. (excluding conversion method)</p>	8	

**DECEMBER 2025**

**Part C: Project Work (Any One) (20 Periods)**

Collection of source documents, preparation of vouchers, recording of transactions with the help of vouchers.

Preparation of Bank Reconciliation Statement with the given cash book and the pass book with twenty to twenty-five transactions.

Comprehensive project of any sole proprietorship business. This may state with journal entries and their ledgering, preparation of Trial balance. Trading and Profit and Loss Account and Balance Sheet. Expenses, incomes and profit (loss), assets and liabilities are to be depicted using pie chart / bar diagram.

**PROJECT WORK**

It is suggested to undertake this project after completing the unit on preparation of financial statements.

The student(s) will be allowed to select any business of their choice or develop the transaction of imaginary business.

The project is to run through the chapters and make the project an interesting process. The amounts should emerge as more realistic and closer to reality.

**Revision in the month of January 2026 for Annual Examination**

- (I) **I WEEKLY TEST- MAY-2025- THEORETICAL CONCEPT-NCERT CH-1 AND CH- 2 (UNIT-1+ACCOUNTING EQUATION)**
- (II) **II WEEKLY TEST- JULY-2025- RECORDING OF TRANSACTION-I & II**
- (III) **HALF YEARLY EXAMINATION-SEPTEMBER-2024-UNIT-1(NCERT CH-1 AND CH-2) UNIT -2 - (Recording of Business Transactions - I & II, Bank Reconciliation Statement, Depreciation, Provisions and Reserves)**
- (IV) **WRITTEN TEST – DEC 2025 – FINANCIAL STATEMENTS – I AND II**
- (V) **ANNUAL EXAMINATION-100% SYLLABUS + PROJECT**

# SYLLABUS BREAK-UP FOR 2026-27

## SUBJECT: ECONOMICS

### CLASS: XI

S. N.	Units, Topics and Sub Topics	Pd.
1.	<b>Part A: Statistics for Economics</b> <b>Unit 1: Introduction</b>	10
	What is Economics? Meaning, scope, functions and importance of statistics in Economics	
2.	<b>Part B: Introductory Microeconomics</b> <b>Unit 4: Introduction</b>	10
	Meaning of microeconomics and macroeconomics; positive and normative economics What is an economy? Central problems of an economy: what, how and for whom to produce; concepts of Production Possibility Frontier and Opportunity Cost	
3.	<b>Part A: Statistics for Economics</b> <b>Unit 2: Collection, Organisation and Presentation of data</b>	10
	<b>Collection of data:</b> Sources of data - primary and secondary; how basic data is collected with concepts of Sampling; methods of collecting data; some important sources of secondary data: Census of India and National Sample Survey Organisation.	
4.	<b>Part B: Introductory Microeconomics</b> <b>Unit 5: Consumer's Equilibrium and Demand</b>	20
	<b>Consumer's equilibrium:</b> Meaning of Utility, Marginal Utility, Law of Diminishing Marginal Utility, conditions of consumer's equilibrium using marginal utility analysis. <b>Indifference curve analysis of consumer's equilibrium:</b> The consumer's budget (budget set and budget line), preferences of the consumer (indifference curve, indifference map) and conditions of consumer's equilibrium	
<b>First Periodic Test : (Above Topics will be Evaluated)</b>		
5.	<b>Part A: Statistics for Economics</b> <b>Unit 2: Collection, Organisation and Presentation of data</b>	20
	<b>Organisation of Data:</b> Meaning and types of variables; Frequency Distribution. <b>Presentation of Data:</b> Tabular Presentation and Diagrammatic Presentation of Data: (i) Geometric forms (bar diagrams and pie diagrams), (ii) Frequency diagrams (histogram, polygon and Ogive) and (iii) Arithmetic line graphs (time series graph).	
6.	<b>Part B: Introductory Microeconomics</b> <b>Unit 5: Consumer's Equilibrium and Demand</b>	20
	Demand, market demand, determinants of demand, demand schedule, demand curve and its slope, movement along and shifts in the demand curve; price elasticity of demand - factors affecting price elasticity of demand; measurement of price elasticity of demand – percentage-change method and total expenditure method.	
<b>Half Yearly Examination: (Above Topics will be Evaluated)</b>		
7.	<b>Part A: Statistics for Economics</b> <b>Unit 3: Statistical Tools and Interpretation</b>	20
	<b>Measures of Central Tendency:</b> Arithmetic mean, Median and Mode	
8.	<b>Part B: Introductory Microeconomics</b> <b>Unit 6: Producer Behaviour and Supply</b>	35
	Meaning of Production Function, Short-Run and Long-Run, Total Product, Average Product and Marginal Product, Returns to a Factor <b>Cost:</b> Short run costs - Total Cost, Total Fixed Cost, Total Variable Cost; Average Cost; Average Fixed Cost, Average Variable Cost and Marginal Cost - meaning and their relationships.	

	<p><b>Revenue:</b> Total Revenue, Average Revenue and Marginal Revenue - meaning and their relationship.</p> <p><b>Producer's Equilibrium:</b> Meaning and its conditions in terms of Marginal Revenue-Marginal Cost.</p> <p><b>Supply:</b> market supply, determinants of supply, supply schedule, supply curve and its slope, movements along and shifts in supply curve, price elasticity of supply; measurement of price elasticity of supply - percentage-change method.</p>	
<b>Second Periodic Test: (Above Topics will be Evaluated)</b>		
<b>9.</b>	<p><b>Part A: Statistics for Economics</b>  <b>Unit 3: Statistical Tools and Interpretation</b></p>	<b>30</b>
	<p><b>Measures of Central Tendency:</b> Arithmetic mean, Median and Mode</p> <p><b>Correlation:</b> Meaning and properties, scatter diagram; measures of correlation - Karl Pearson's method (two variables ungrouped data) Spearman's rank correlation (Non-Repeated Ranks and Repeated Ranks).</p> <p><b>Introduction to Index Numbers:</b> Meaning, types - Wholesale Price Index, Consumer Price Index and index of industrial production, uses of index numbers; Inflation and Index Numbers, Simple Aggregative Method.</p>	
<b>10.</b>	<p><b>Part B: Introductory Microeconomics</b>  <b>Unit 7: Perfect Competition - Price Determination and simple applications.</b></p>	<b>25</b>
	<p><b>Perfect competition:</b> Features; Determination of market equilibrium and effects of shifts in demand and supply. (Short Run Only)</p> <p><b>Simple Applications of Demand and Supply:</b> Price ceiling, Price floor.</p>	
<b>Annual Examination: (Full Syllabus will be Evaluated)</b>		
	<b>Part C: Project (20 Marks)</b>	<b>20</b>



**ARTIFICIAL INTELLIGENCE (843)**  
**SYLLABUS OF CLASS XI**  
**SESSION: 2026-27**

**Theory : 50**

**Practical : 50**

	UNITS	NO. OF HOURS		MAX MARKS
<b>PART A</b>	<b>Employability skills</b>			
	Unit 1: Communication Skills – III	15		2
	Unit 2: Self-Management Skills – III	10		2
	Unit 3: ICT Skills – III	15		2
	Unit 4: Entrepreneurial Skills – III	10		2
	Unit 5: Green Skills – III	10		2
	<b>TOTAL</b>	<b>60</b>		<b>10</b>
<b>PART B</b>	<b>Subject specific skills</b>	<b>Theory</b>	<b>Practical</b>	
	Unit 1: Introduction: Artificial Intelligence for Everyone	4	10	4
	Unit 2: Unlocking your Future in AI	6	10	5
	Unit 3: Python Programming	10	20	5
	Unit 4: Introduction to Capstone Project	6	15	5
	Unit 5: Data Literacy – Data Collection to Data Analysis	6	15	6
	Unit 6: Machine Learning Algorithms	9	15	6
	Unit 7: Leveraging Linguistics and Computer Science	5	10	5
	Unit 8: AI Ethics and Values	4	5	4
	<b>TOTAL</b>	<b>50</b>	<b>100</b>	<b>40</b>
<b>PART C</b>	<b>PRACTICAL WORK / PROJECT WORK</b>			
	IBM Skills Build Certification/any other industry certification			5
	Capstone Project			12
	Bootcamps/ Internship/other startups			7
	Practical File			10
	Lab Test/ Written Exam (based on practical file)			10
	Viva Voce (based on practical file and project)			6
<b>TOTAL</b>				<b>50</b>
<b>GRAND TOTAL</b>				<b>100</b>

Date/Month	Unit	Chapter/Topics
<b>PART B – SUBJECT SPECIFIC SKILLS</b>		
21 <sup>st</sup> April to 25 <sup>th</sup> April	<b>UNIT 1 - INTRODUCTION: ARTIFICIAL INTELLIGENCE FOR EVERYONE</b>	What is Artificial Intelligence? , Evolution of AI , Types of AI, Domains of AI , AI Terminologies , Benefits and limitations of AI
28 <sup>th</sup> April to 2 <sup>nd</sup> May	<b>UNIT 2 - UNLOCKING YOUR FUTURE IN AI</b>	<ul style="list-style-type: none"> <li>• The Global Demand</li> <li>• Some Common Job Roles In AI</li> <li>• Essential Skills and Tools for Prospective AI Careers</li> <li>• Opportunities in AI across Various Industries</li> </ul>
6 <sup>th</sup> May to 16 <sup>th</sup> May	<b>UNIT 3 - PYTHON PROGRAMMING</b>	<b>Level 1</b> : Basics of python programming, character sets, tokens, modes, operators, datatypes,
		Control Statements (if, if –else, if-elif, nested if-else)
		<b>Level 2</b> : CSV Files, Libraries – Numpy, Pandas, Scikit-learn
19 <sup>th</sup> May to 24 <sup>th</sup> May	<b>UNIT 4 - INTRODUCTION TO CAPSTONE PROJECT</b>	<ul style="list-style-type: none"> <li>• Design Thinking</li> <li>• Empathy Map</li> <li>• Sustainable Development Goals</li> <li>• Capstone Project</li> </ul>
1 <sup>st</sup> July to 18 <sup>th</sup> July	<b>UNIT 5 - DATA LITERACY – DATA COLLECTION TO DATA ANALYSIS</b>	<ul style="list-style-type: none"> <li>• What is Data Literacy?</li> <li>• Data Collection</li> <li>• Exploring Data</li> <li>• Statistical Analysis of data</li> <li>• Representation of data, Python Programs for Statistical Analysis and Data Visualization</li> </ul>
		<ul style="list-style-type: none"> <li>• Introduction to Matrices</li> <li>• Data Pre-processing</li> <li>• Data in Modelling and Evaluation</li> </ul>
21 <sup>st</sup> July to 1 <sup>st</sup> Aug	<b>UNIT 6 – MACHINE LEARNING ALGORITHMS</b>	<ul style="list-style-type: none"> <li>• Machine Learning in a nutshell</li> <li>• Types of Machine Learning</li> <li>• Supervised Learning</li> <li>• Understanding Correlation, Regression, Finding the line, Linear Regression algorithm</li> <li>• Classification – How it works, Types, k – Nearest Neighbour algorithm</li> <li>• Unsupervised Learning</li> <li>• Clustering – How it works, Types, k –means Clustering algorithm</li> </ul>
5 <sup>th</sup> Aug to 22 <sup>nd</sup> Aug	<b>UNIT 7 – LEVERAGING LINGUISTICS AND COMPUTER SCIENCE</b>	<ul style="list-style-type: none"> <li>• Understanding Human Language Complexity</li> <li>• Introduction to Natural Language Processing (NLP) – Emotion Detection and Sentiment Analysis, Classification Problems, Chatbot</li> <li>• Phases of NLP</li> <li>• Applications of NLP</li> </ul>
25 <sup>th</sup> Aug to 4 <sup>th</sup> Sep	<b>UNIT 8 – AI ETHICS AND VALUES</b>	<ul style="list-style-type: none"> <li>• Ethics in Artificial Intelligence</li> <li>• The five pillars of AI Ethics</li> <li>• Bias, Bias Awareness, Sources of Bias</li> <li>• Mitigating Bias in AI Systems</li> <li>• Developing AI Policies</li> <li>• Moral Machine Game</li> <li>• Survival of the Best Fit Game</li> </ul>

**Revision for HY exam from 8<sup>th</sup> Sep to 12<sup>th</sup> Sep**

**PART A- EMPLOYABILITY SKILLS**

29 <sup>th</sup> Sep to 10 <sup>th</sup> Oct	<b>UNIT 1: COMMUNICATION SKILLS – III</b>	Methods of communication - Verbal, Non-verbal, Visual Communication styles assertive, aggressive, passive aggressive, submissive, etc. Writing skills to the following: • Sentence • Phrase • Kinds of Sentences • Parts of Sentence • Parts of Speech • Articles • Construction of a Paragraph
13 <sup>th</sup> Oct to 31 <sup>st</sup> Oct	<b>UNIT 2: SELF - MANAGEMENT SKILLS – III</b>	Describe the importance of dressing appropriately, looking decent and positive body language , Describe the term grooming , Prepare a personal grooming checklist , Describe the techniques of self- exploration. Describe the important factors that influence in team building , Describe factors influencing team work Meaning and importance of time management – setting and prioritizing goals, creating a schedule, making lists of tasks, balancing work and leisure, using different optimization tools to break large tasks into smaller tasks.
3 <sup>rd</sup> Nov to 12 <sup>th</sup> Nov	<b>UNIT 3: INFORMATION AND COMMUNICATION TECHNOLOGY SKILLS – III</b>	Introduction to word processing. Software packages for word processing. Opening and exiting the word processor. Creating a document
17 <sup>th</sup> Nov to 21 <sup>st</sup> Nov	<b>UNIT 3: INFORMATION AND COMMUNICATION TECHNOLOGY SKILLS – III</b>	Editing text, Wrapping and aligning the text, Font size, type and face, Header and Footer , Auto correct, Numbering and bullet , Creating table , Find and replace, Page numbering , Printing document, Saving a document in various formats.
8 <sup>th</sup> Dec to 30 <sup>th</sup> Dec	<b>UNIT 4: ENTREPRENEURIAL SKILLS- III</b>	Values in general and entrepreneurial values , Entrepreneurial value orientation with respect to innovativeness, independence, outstanding performance and respect for work Attitudes in general and entrepreneurial attitudes , Using imagination/ intuition, Tendency to take moderate risk, Enjoying freedom of expression and action, Looking for economic opportunities, Believing that we can change the environment, Analyzing situation and planning action, Involving in activity.
7 <sup>th</sup> Jan to 16 <sup>th</sup> Jan	<b>UNIT 5: GREEN SKILLS – III</b>	Main sectors of green economy- ewaste management, green transportation, renewal energy, green construction, water Management Policy initiatives for greening economy in India Stakeholders in green economy Role of government and private agencies in greening cities, buildings, tourism, industry, transport, renewable energy, waste management, agriculture, water, forests and fisheries

**Revision for Annual Exam from 19<sup>th</sup> January 2026 onwards**



**SYLLABUS BREAK-UP ( PERIODWISE)**  
**PHYSICAL EDUCATION**  
**CLASS- XI (2026-27)**

Unit No	Unit Name and Topic	Period	Month
1	<b>Changing Trends and Career in Physical Education</b>	9	APRIL
	1- Concept, Aim and Objective of Physical Education	2	
	2- Development of Physical Education in India Post Independence	1	
	3- Changing Trends in Sports playing surface, wearable gears and sports Equipment, Techonological Advancement	2	
	4- Career Option in Physical Education	2	
	5- Khelo Indis Programme and Fit India Programme	2	
2	<b>Olympism Value Education</b>	10	APRIL/MAY
	1- Olympism – Concept and Olympics Values (Excellence, Friendship & Respect)	2	
	2- Olympic Value Education – Joy of Effort, Fair Play, Respect for Others, Pursuit of Excellence, Balance Among Body, Will & Mind	1	
	3- Ancient and Modern Olympics	4	
	4- Olympics - Symbols, Motto, Flag, Oath, and Anthem	1	
	5- Olympic Movement Structure - IOC, NOC, IFS, Other members	2	
<b>FIRST WEEKLY TEST</b>			
3	<b>Yoga</b>	11	JULY
	1- Meaning and Importance of Yoga	2	
	2- Introducation to Astanga Yog	2	
	3- Yogic Kriyas Satkarma	2	
	4- Pranayama and its Types	2	
	5- Active lifestyle and stress management through Yoga	3	
4	<b>Physical Education for Children with Special Needs</b>	8	JULY
	1- Concept of disability and disorder	1	
	2- Types of disability, its causes and nature ( Intellectual and Physical Disabili	2	
	3- Disability Etiquette	1	
	4- Aim and objective of Adptive Physical Education	2	
	5- Role of various Professionals for children with special needs	2	
	( Counselor, Occupational therapist, Physiotherapist, Physical Education Teacher		
5	<b>Physical Fitness Wellness and Lifestyle</b>	12	AUGUST
	1- Meaning and importance of wellness, Health and Physical Fitness	2	
	2- Components of wellness, Health and Physical Fitness	3	
	3- Treditional Sports & Regional games for promoting for wellness	2	
	4- Leadership through Physical Activity and Sports	1	
	5- Introduction to first Aid PRICE	2	

<b>SECOND WEEKLY TEST</b>			
<b>6</b>	<b>Test Measurement and Evaluation</b>	<b>8</b>	<b>OCTOBER</b>
	1- Define Test, Measurements and Evaluation.	<b>1</b>	
	2- Importance of Test, Measurements and Evaluation in Sports.	<b>1</b>	
	3- Calculation of BMI, Waist – Hip Ratio, Skin fold measurement (3-site)	<b>2</b>	
	4-Somato Types (Endomorphy, Mesomorphy & Ectomorphy)	<b>2</b>	
	5- Measurements of health-related fitness	<b>2</b>	
<b>HALF YEARLY EXAMINATION</b>			
<b>7</b>	<b>Fundamentals of Anatomy, Physiology in Sports</b>	<b>9</b>	<b>NOVEMBER</b>
	1- Definition and importance of Anatomy and Physiology in Exercise and Spo	<b>1</b>	
	2- Functions of Skeletal System, Classification of Bones, and Types of Joints.	<b>2</b>	
	3- Properties and Functions of Muscles.	<b>2</b>	
	4- Structure and Functions of Circulatory System and Heart.	<b>2</b>	
	5- Structure and Functions of Respiratory System.	<b>2</b>	
<b>8</b>	<b>Fundamentals Of Kinesiology And Biomechanics in Sports</b>	<b>9</b>	<b>NOVEMBER</b>
	1- Definition and Importance of kinesiology and biomechanics in sports	<b>1</b>	
	2- Principles of Biomechanics	<b>2</b>	
	3- Kinetics and Kinematics in Sports	<b>2</b>	
	4- Types of Body Movements - Flexion, Extension, Abduction, Adduction, Rotation, Circumduction, Supination & Pronation	<b>2</b>	
	5- Axis and Planes – Concept and its application in body movements	<b>2</b>	
<b>9</b>	<b>Psychology and Sports</b>	<b>8</b>	<b>DECEMBER</b>
	1- Definition & Importance of Psychology in Physical Education & Sports;	<b>1</b>	
	2- Developmental Characteristics at Different Stages of Development;	<b>2</b>	
	3- Adolescent Problems & their Management;	<b>2</b>	
	4- Team Cohesion and Sports;	<b>1</b>	
	5-Introduction to Psychological Attributes: Attention, Resilience, Mental Toug	<b>2</b>	
<b>WRITTEN TEST ( TERM-II)</b>			
<b>10</b>	<b>Training &amp; Doping in Sports</b>	<b>11</b>	<b>JANUARY</b>
	Concept and Principles of Sports Training	<b>1</b>	
	Training Load: Over Load, Adaptation, and Recovery	<b>2</b>	
	Warming-up & Limbering Down – Types, Method & Importance	<b>2</b>	
	Concept of Skill, Technique, Tactics & Strategies	<b>2</b>	
	Concept of Doping and its disadvantages	<b>4</b>	
<b>ANNUAL EXAMINATION</b>			
<b>PRACTICAL (Max. Marks 30)</b>			
Physical Fitness Test: SAI Khelo India Test, Brockport Physical Fitness Test *			
Proficiency in Games and Sports (Skill of any one IOA recognized Sport/Game of Choice)**			

**11**

Yogic Practices

Record File \*\*\*

Viva Voce (Health/ Games & Sports/ Yoga)



**CLASS XI (2026-27)**  
**SUBJECT: POLITICAL SCIENCE (028)**  
**Syllabus Breakup**  
**Text Book: Indian Constitution at Work (NCERT)**  
**Political Theory (NCERT)**

**Theory for 80 marks**

Sr	Name of the book	Ch no	Name of the chapter	Detailed split up	No of pds	total Pds
<b>APRIL-MAY</b>						
1	<b>INDIAN CONSTITUTION AT WORK</b>	<b>1</b>	<b>Constitution: Why and How?</b>	a) Why do we need a Constitution? Constitution allows b) The authority of a Constitution c) How was the Indian Constitution made? d) Provisions adapted from Constitutions of different countries	1 1 1 1	<b>4</b>
2	<b>INDIAN CONSTITUTION AT WORK</b>	<b>2</b>	<b>Rights in the Indian Constitution</b>	a) The importance of rights b) Fundamental rights in the Indian Constitution c) Directive principles of state policy d) Relationship between fundamental rights and directive principles	1 1 1 1	<b>4</b>
3	<b>POLITICAL THEORY</b>	<b>1</b>	<b>Political Theory</b>	a) What is politics? b) What do we study in political theory? c) Putting Political theory into practice d) Why should we study political theory	1 1 1 1	<b>4</b>
4	<b>POLITICAL THEORY</b>	<b>2</b>	<b>Freedom</b>	a) The Ideal of freedom b) The sources of Constraints-Why do we need constraints? c) The Harm Principle d) Negative and Positive liberty	2  2	<b>4</b>
<b>I WEEKLY TEST (TERM I):28.04.2025</b>						
<b>JULY</b>						
5	<b>INDIAN CONSTITUTION AT WORK</b>	<b>3</b>	<b>Election and Representation</b>	a) Elections and democracy b) Election system c) Why did India adopt the FPTP system? d) Reservation of constituencies e) Free and fair elections and Independent Election f) Electoral Reforms	1 1 1	<b>3</b>

6	<b>INDIAN CONSTITUTION AT WORK</b>	<b>4</b>	<b>Executive</b>	a) What is an executive? b) What are the different types of executives? c) Parliamentary executive d) Prime Minister and Council of ministers e) Permanent Executive: Bureaucracy	1 1 1 2	<b>5</b>
7	<b>POLITICAL THEORY</b>	<b>3</b>	<b>Equality</b>	a) Why does equality matter? b) Three dimensions of equality c) Feminism, Socialism d) How can we promote equality?	2 2 1	<b>5</b>
8	<b>POITICAL THEORY</b>	<b>4</b>	<b>Social Justice</b>	a) What is Justice? b) Just distribution c) John Rawls Theory of Justice d) Pursuing Social Justice e) Free Markets versus State Intervention	1 2 1 1	<b>5</b>
<b>II WEEKLY TEST (TERM I):14.07.2025</b>						
<b>AUGUST – SEPTEMBER</b>						
9	<b>INDIAN CONSTITUTION AT WORK</b>	<b>5</b>	<b>Legislature</b>	a) Why do we need a parliament? b) Why do we need two houses of parliament? c) What does the parliament do? Powers of Rajya Sabha d) How does the parliament make laws? e) How does the parliament control the executive? f) What do the committees of parliament do? g) How does the parliament regulate itself?	1 1 1 2 1	<b>6</b>
10	<b>INDIAN CONSTITUTION AT WORK</b>	<b>6</b>	<b>Judiciary</b>	a) Why do we need an independent judiciary? b) Structure of the Judiciary c) Jurisdiction of supreme d) Judicial Activism e) Judiciary and Rights f) Judiciary and Parliament	2 1 1 1 2	<b>7</b>
11	<b>POITICAL THEORY</b>	<b>5</b>	<b>Rights</b>	a) What are Rights? b) Where do rights come from? c) Legal rights and the state d) Kinds of rights e) Rights and responsibilities	1 1 1 1	<b>4</b>
	<b>POITICAL THEORY</b>	<b>6</b>	<b>Citizenship</b>	a) Introduction b) Full and equal membership c) Equal Rights d) Citizen and Nation	1 1 1	<b>5</b>

12				e) Universal Citizenship f) Global Citizenship	2	
<b>HALF YEARLY EXAMINATION- II WEEK OF SEPTEMBER 2025</b>						
<b>OCTOBER –NOVEMBER</b>						
13	<b>INDIAN CONSTITUTION AT WORK</b>	<b>7</b>	<b>Federalism</b>	a) What is Federalism? b) Federalism in the Indian Constitution Division of Powers c) Federalism with a strong central government d) Conflicts in India’s federal system e) Special provisions Jammu and Kashmir	2 2 2 2	<b>8</b>
14	<b>INDIAN CONSTITUTION AT WORK</b>	<b>8</b>	<b>Local Governments</b>	a) Why local governments? b) Growth of Local governments c) 73rd and 74th amendments d) 74th Amendment e) Implementation of 73rd and 74th Amendments	1 2 2 1	<b>6</b>
15	<b>POLITICAL THEORY</b>	<b>7</b>	<b>Nationalism</b>	a) Introduction of nationalism b) Nations and Nationalism c) National self-determination d) Nationalism and Pluralism	2 3 1	<b>6</b>
16	<b>POLITICAL THEORY</b>	<b>8</b>	<b>Secularism</b>	a) What is Secularism? b) Secular State c) The western model of secularism d) The Indian model of secularism e) Criticisms of Indian secularism	1 2 2	<b>5</b>
<b>WRITTEN TEST (TERM II) 19.12.2025</b>						
<b>JANUARY</b>						
17	<b>INDIAN CONSTITUTION AT WORK</b>	<b>9</b>	<b>Constitution as a living document</b>	a) Are constitutions static? b) How to amend the constitution? c) Why have there been so many amendments? d) Contents of amendments made so far e) Basic structure and evolution of the constitution f) Constitution as a Living Document	1 1 1 1 2 1	<b>7</b>
18	<b>INDIAN CONSTITUTION AT WORK</b>	<b>10</b>	<b>The Philosophy of the Constitution</b>	a) What is meant by philosophy of the constitution? b) Why do we need to go back to the Constituent Assembly? c) What is the political philosophy of our constitution? d) Procedural Achievements e) Criticisms f) Limitations	1 1 1 2 1 1	<b>7</b>

GUIDELINES FOR PROJECT WORK**Project Work: 20 Marks**

- Out of 20 marks, 10 marks are to be allotted to viva voce and 10 marks for project work.
- The project can be individual/pair/group of 4-5 each. The Project can be made on any of the topics given in the syllabus of a particular class or any contemporary issues.
  - The project work can be culminated in the form of films, albums, songs, storytelling, debate, Role Play, Skit, Presentation, Model, Field Survey, Mock Drills/Mock Event etc.
- Students can use primary sources available in city archives, Primary sources can also include newspaper cuttings, photographs, film footage and recorded written/speeches. Secondary sources may also be used after proper authentication.
  - Viva-Voce
- At the end of the stipulated term, each learner will present the research work in the Project File to the External and Internal examiner.
- The questions should be asked from the Research Work/ Project File of the learner.

The marks will be allocated under the following heads:

S.No.	Components	Marks Allotted
1.	Introduction/Overview	2
2.	Variety Of Contents	3
3.	Presentation	3
4.	Conclusion	1
5.	Bibliography	1
6	Viva-Voce	10
	<b>Total</b>	<b>20</b>

Submitted by Nutan Tyagi



**Class XI (2026-27)**  
**Subject : History (027)**

Syllabus Breakup

Text Book: Themes in World History (NCERT)

**Theory Paper of 80 marks**

Month	Unit	Ch.	Theme	Sub - Topics	No. Pd	T. Pd
	<b>Reading of World History</b>		Introduction to World History	Introduction of World History	2	<b>04</b>
				Introduction Timeline I (6 MYA TO 1 BCE)	2	
April May	<b>Section I  Early Societies</b>	1.	Writing and City Life  Iraq, 3rd millennium BCE	<ul style="list-style-type: none"> <li>• Mesopotamia and its Geography</li> <li>• The features of Urbanization</li> <li>• The Development of Writing- The System of Writing; Literacy, The uses of Writing</li> <li>• Southern Mesopotamia: Kings and Temples-Life in the City</li> <li>• A trading Town in a Pastoral Zone</li> <li>• Cities in Mesopotamian Cultures</li> <li>• The legacy of Writing- An Earliest Library</li> <li>• An Earliest Library</li> <li>• Historians' Debate on uses of writing</li> </ul>	2 1 1 1 2 1 2 2 1 1	<b>14</b>
<b>I WEEKLY TEST (TEST I): 05.05.2025</b>						
				Introduction Timeline II (C. 100 BCE TO 1300 CE)		
May	<b>Section II  Empires</b>	2.	An Empire across Three Continents Roman Empire, 27 BCE to 600 CE	<ul style="list-style-type: none"> <li>• The Early Empire</li> <li>• Gender, Literacy</li> <li>• Culture; Economic Expansion,</li> <li>• Controlling Workers.</li> <li>• Social Hierarchies: Women and slaves</li> <li>• Late Antiquity</li> <li>• The third century crises</li> <li>• Historians' view on the Institution of Slavery</li> </ul>	1 1 2 1 3 2 2 2	<b>15</b>
July	<b>Section II  Empires</b>	3.	Nomadic Empires  Europe and Asia 13 <sup>th</sup> – 14 <sup>th</sup> century	<ul style="list-style-type: none"> <li>• Introduction – Land of steppes</li> <li>• Social and Political background.</li> <li>• The Career of Genghis Khan.</li> <li>• The Mongols after Genghis Khan.</li> <li>• Social Political and military organ.</li> </ul>	2 2 1 2 2	<b>11</b>

				<ul style="list-style-type: none"> <li>• Situating Genghis Khan and the Mongols in World History.</li> </ul>	2		
<b>II WEEKLY TEST (TEST I):28.07.2025</b>							
				Introduction Timeline III (C. 1300 TO 1700)			
Aug	<b>Section III</b>	4.	The Three Orders Western Europe 13th - 16th century	<ul style="list-style-type: none"> <li>• Three Orders: France and England</li> <li>• The Manorial Estate; Monks</li> <li>• The Church and Society- Agricultural Technology</li> <li>• New towns and people - Social unrest</li> <li>• Political changes</li> <li>• Historians' views on decline of feudalism</li> </ul>	2 2 1 2 3 2	<b>12</b>	
Sept		<b>Changing Traditions</b>	5.	Changing Cultural Traditions Europe 14th -17th century	<ul style="list-style-type: none"> <li>• Revival of Italian Cities-Universities and Humanism</li> <li>• The Arabs's contribution-Artists and realism</li> <li>• Architecture - Printed books</li> <li>• Aspirations of Women- Debates within Christianity</li> <li>• Copernican Revolution</li> <li>• Historians' viewpoint on the validity of the notion 'European Renaissance</li> </ul>	1 2 2 2 2 2	<b>13</b>
<b>HALF YEARLY (II Week of September 2025)</b>							
				Introduction Timeline IV (C. 1700 TO 2000)			
Oct	<b>Section IV</b>	6.	Displacing Indigenous People North America and Australia, 18th to 20th century	<ul style="list-style-type: none"> <li>• European Imperialism</li> <li>• North America: The Native Peoples - Encounters with Europeans</li> <li>• Mutual Perceptions - The Native People Lose Their Land</li> <li>• The Gold Rush</li> <li>• Constitutional Rights - The Winds of Change: Australia</li> <li>• Historians' viewpoint on the impact of European settlement on indigenous population</li> </ul>	2 2 2 2 1 1 2	<b>14</b>	
Nov		<b>Towards Modernisation</b>	7.	Paths To Modernization East Asia, late 19th to 20th century	<ul style="list-style-type: none"> <li>• Introduction: Japan-The Political System</li> <li>• Meiji Restoration: Westernisation and Tradition</li> <li>• Daily Life: After Defeat Re-Emerging as Global Economic Power</li> <li>• China-Establishing the Republic - The Rise of CPC</li> <li>• Establishing the New Democracy-1949 to1965</li> <li>• Conflicting Visions 1965-1978 - Reforms from 1978</li> <li>• The Story of Taiwan: Two Roads to Modernisation</li> <li>• Historians' Debate on the meaning of modernization</li> </ul>	1 2 1 2 2 1 1 2	<b>12</b>
Jan	<b>MAP REVISION AND PROBLEM-SOLVING SESSION</b>						<b>05</b>

**ANNUAL EXAMINATION (12<sup>th</sup> FEBRUARY, 2025 ONWARDS)****ALL ABOVE CHAPTERS ALONG WITH MAP WORK WILL BE EVALUATED IN ANNUAL EXAMINATION****PROJECT WORK: 20 marks****Directions:**

- One Project to be done throughout the session with Art Integrated Activities.
- Project Work has broadly the following phases: Synopsis/ Initiation, Data Collection, Data Analysis and Interpretation, Conclusion.
- Each student has to prepare handwritten original file on the topics mention in the syllabus.
- Students can use primary sources available in city archives, Primary sources can also include newspaper cuttings, photographs, film footage and recorded written/speeches. Secondary sources may also be used after proper authentication.

**Assessment**

<b>Month</b>	<b>Periodic Work</b>	<b>Assessment Rubrics</b>	<b>Marks</b>
April -July	Instructions about Project Guidelines, Background reading Discussions on Theme and Selection of the Final Topic, Initiation/ Synopsis	Introduction, Statement of Purpose/Need and objectives of the study, Hypothesis/Research Question, Review of Literature, Presentation of Evidence, Methodology, Questionnaire, Data Collection.	6
August - October	Planning and organization: forming an action plan, feasibility, or baseline study, Updating/modifying the action plan, Data Collection	Significance and relevance of the topic; challenges encountered while conducting the research.	5
November - January	Content/data analysis and interpretation. Conclusion, Limitations, Suggestions, Bibliography, Annexures and overall presentation of the project	Content analysis and its relevance in the current scenario. Conclusion, Limitations, Bibliography, Annexures and Overall Presentation	5
January/ February	Viva-Voce	Viva based on the project	4
<b>TOTAL</b>			<b>20</b>

Submitted by Sarita Srivastava