



SYLLABUS

CLASS 10TH



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SYLLABUS



2026-27



PHYSICS							
MONTH	DATE	CHAPTER	CHAPTER/TOPIC	Remarks			
APRIL	1-4-26 to 15-4-26	1	Electric Current, Electric potential, potential difference, electric circuit, Ohm's law, resistance factors affecting resistance, Resistivity Chapter: Electricity (Part II)				
	16-4-26 to 30-4-26		Resistivity and its units. Series & Parallel Combinations. Equivalent Resistance derivations. Domestic circuit logic (Parallel vs Series).				
MAY	1-5-26 to 15-5-26	2	Heating Effects of Current Joule's Law of Heating Electric Power Commercial Unit of Energy (kWh). Safety: Fuse and Earthing.				
	16-5-26 to 31-5-26		Magnetic Effects (Part I) Oersted's Experiment. Magnetic Field Lines & Properties. Right-Hand Thumb Rule. Field due to Circular Loop & Solenoid.				
JUNE	Summer Vacations						
JULY	1-7-26 to 15-7-26	3	Magnetic Effects (Part II) Force on Conductor: Fleming's Left Hand Rule. Electric Motor (Basic working principle). Electromagnetic Induction (EMI). Fleming's Right Hand Rule.				
	16-7-26 to 31-7-26		Light: Reflection Laws of Reflection & Spherical Mirrors. Ray Diagrams for Concave/Convex Mirrors. Mirror Formula & Cartesian Sign Convention. Linear Magnification.				
AUG	1-8-26 to 31-8-26	Revision					
SEP	Half Yearly Exam						

CHEMISTRY					
MONTH	DATE	CHAPTER/TOPIC	Remarks		
APRIL	1-4-26 to 15-4-26	Meaning of chemical rx ⁿ , chemical equations, balancing of equation			
	16-4-26 to 30-4-26	Types of chemical rx ⁿ (combination rx ⁿ , decomposition rx ⁿ ,			
MAY	1-5-26 to 15-5-26	displacement rxn, double displacement rxn, redox rxn, corrosion, ranacidity,)			
	16-5-26 to 31-5-26	Definitions of acids, bases and salts, concept and types of indicators, chemical properties of acids			
JUNE	Summer Vacations				
JULY	1-7-26 to 15-7-26	Chemical properties of bases, classification of acids and bases, meaning and types of salts, common salt			
	16-7-26 to 31-7-26	Chemicals obtained from common salts- caustic soda, washing soda, baking soda, bleaching powder, POP, Water of crystallization			
AUG	1-8-26 to 31-8-26	Metals and non metals introduction, physical properties of metals and non metals,			
SEP	Half Yearly Exam+ Introduction of Ch-Carbon and its compounds				

BIOLOGY					
MONTH	DATE	CHAPTER/TOPIC	Remarks	Activities	
APRIL	1-4-26 to 15-4-26	Chapter life processes 1. Concept of nutrition: definition, types, digestion in man, photosynthesis, site of photosynthesis, Calvin cycle. 2. Respirations: definition, types of definition, respiration, three pathways mechanism of respiration, respiration in plants			mechanism of digestion in human via Charts or projector 2. Show carbon dioxide is given out during respiration
	16-4-26 to 30-4-26	3. Transport : definition components, mechanisms of heart device is used for measuring heart rate transport in plants xylem, phloem 4. Excretion definition organs in lower and higher organisms excretion in plants.			
MAY	1-5-26 to 15-5-26	Control and coordination: coordination in plants, types of movement In animals, neuron reflex arc, types of neuron			
	16-5-26 to 31-5-26	Central nervous system, peripheral nervous system, endocrine system: definition, type, various glands			
JUNE	Summer Vacations				
JULY	1-7-26 to 15-7-26	Glands, hormones, functioning, feedback mechanism			Terrestrial and Aquatic ecosystem

	16-7-26 to 31-7-26	Our Environment: definition, nature, factor of ecosystem, food chain	
AUG	1-8-26 to 31-8-26	Food web, pyramid, 10% law of energy Biodegradable and Non - Biodegradable ozone, depletion of ozone, preventions	2. Ozone formation and dissociation by visual representation
SEP	Half Yearly Exam		

PUNJABI			
MONTH	DATE	CHAPTER/TOPIC	Remarks
APRIL	1-4-26 to 15-4-26	ਕਹਾਣੀ—ਕੁਲਫੀ, ਕਵਿਤਾ- ਮੈ ਕਿਉ ਮੈਂਦਾ ਆਖੀਐ (ਟੈਸਟ) 1,2,4 ਨੰਬਰ ਵਾਲੇ ਪ੍ਰਸ਼ਨ, ਸ਼ਬਦ ਅਰਥ, ਅਸਾਈਨਮੈਂਟ, ਪ੍ਰੈਜੈਂਟੇਸ਼ਨ	
	16-4-26 to 30-4-26	(ਸਾਹਿਤ ਮਾਲਾ) ਘਰ ਦਾ ਪਿਆਰ + ਮੁਹਾਵਰੇ (ਵਿਆਕਰਨ), ਕੁਇਜ਼, ਲੇਖ ਦੌਰਾ	
MAY	1-5-26 to 15-5-26	(ਵੰਨਗੀ) ਅੰਗ-ਸੰਗ, ਕਿਰਪਾ ਕਰ ਕੇ ਬਖਸ਼ਿ ਲੇਹੁ (ਸਾਹਿਤ ਮਾਲਾ) ਗੁਰਬਾਣੀ ਪਾਠ ਨਸ਼ੇ- ਪ੍ਰੈਜੈਂਟੇਸ਼ਨ, ਸ਼ਬਦ ਅਰਥ, 1,2,4 ਨੰਬਰ ਵਾਲੇ ਪ੍ਰਸ਼ਨ	
	16-5-26 to 31-5-26	(ਸਾਹਿਤ ਮਾਲਾ) ਬੋਲੀ, ਸਮਾਜੀ, ਮਾਤ ਭਾਸ਼ਾ ਲੇਖ ਟੈਸਟ (ਕੁਇਜ਼), 2,4 ਨੰਬਰ ਵਾਲੇ ਪ੍ਰਸ਼ਨ , (ਵੰਨਗੀ) ਜ਼ਫਰਨਾਮਾ	
JUNE	Summer Vacations		
JULY	1-7-26 to 15-7-26	ਅਗੇਤਰ ਪਿਛੇਤਰ (ਵਿਆਕਰਨ), Value Based Question, ਅਸਾਈਨਮੈਂਟ ਤੂ ਮੇਰਾ ਪਿਤਾ, ਪ੍ਰਾਰਥਨਾ	
	16-7-26 to 31-7-26	ਨਿਜੀ ਪੱਤਰ) ਅਗੇਤਰ ਪਿਛੇਤਰ (ਵਿਆਕਰਨ), ਟੈਸਟ (ਕੁਇਜ਼), ਬਹੁ ਅਰਥਕ- ਵਿਆਕਰਨ ਪੱਤਰ+ ਚਿੱਤਰ ਲੇਖਨ (ਵਿਆਕਰਨ) (ਵੰਨਗੀ) ਸਰਕਾਰੀ ਗੈਰ ਸਰਕਾਰੀ ਪੱਤਰ ਪ੍ਰੈਜੈਂਟੇਸ਼ਨ ਲੇਖ	
AUG	1-8-26 to 15-8-26	ਵਿਚਾਰਤਮਿਕ ਲੇਖ, ਕਿਰਿਆ ਵਿਸ਼ੇਸ਼ਣ, ਅਣਡਿੱਠਾ ਪੈਰਾ+ਅਣਡਿੱਠੀ ਕਵਿਤਾ, ਕਿਰਿਆ ਵਿਸ਼ੇਸ਼ਣ	
	16-8-26 to 31-8-26	Revision	
SEP	Half Yearly Exam		

HINDI			
MONTH	DATE	CHAPTER/TOPIC	Remarks
APRIL	1-4-26 to 15-4-26	ਕਬੀਰ (ਕਾਕ੍ਯਕੁੰਡ) ਤਰੀਤੀ ਗਮੀਰੀ ਕਥਾ . ਕ੍ਯਾਕਰਣ-ਝੰਮੇਲ ਲੇਖਨ	
	16-4-26 to 30-4-26	ਕੁੰਡੇ ਭਾਝੀ ਸਾਹਿਬ (ਗਢ ਕੁੰਡ) ਸੀਰਾ (ਕਾਕ੍ਯਕੁੰਡ), ਕ੍ਯਾਕਰਣ-ਪਦਕੁੰਢ	
MAY	1-5-26 to 15-5-26	ਪਾਠਯ ਪੁਸ਼ਟਕ-1. ਫ਼ਰਿਹਰ ਕਾਕਾ . ਕ੍ਯਾਕਰਣ- ਆਪਚਾਰਿਕ ਪਤਰ	
	16-5-26 to 31-5-26	ਕ੍ਯਾਕਰਣ-ਮੁਹਾਕਰੇ, ਸਮਾਸ, ਰਚਨਾ ਕੇ ਆਧਾਰ ਪਰ ਕਾਕ੍ਯ ਭੇਦ	
JUNE	Summer Vacations		
JULY	1-7-26 to 15-7-26	ਪੁਕੁੰਤ ਪੁਦੇਸ਼ ਮੇਂ ਪਾਕਸ(ਕਾਕ੍ਯਕੁੰਡ) ਡਾਯਰੀ ਕਾ ਏਕ ਪਨਾ ਸਪਥੇ (ਗਢ ਕੁੰਡ)	
	16-7-26 to 31-7-26	ਮਨੁਖਯਤਾ , ਸਪਨੀ ਕੇ ਸੇ ਦਿਨ,	
AUG	1-8-26 to 31-8-26	ਤੀਸਰੀ ਕਸਮ ਕੇ ਸਿਲਪਕਾਰ ਸ਼ੈਲੀ, ਕ੍ਯਾਕਰਣ-ਲਘੁਕਥਾ- ਲੇਖਨ, ਅਨੁਛੇਦ - ਲੇਖਨ, ਵਿਜ਼ਾਪਨ, ਸੂਚਨਾ ਲੇਖਨ	
SEP	Revision of Syllabus and Half Yearly Exam		

ENGLISH			
MONTH	DATE	CHAPTER/TOPIC	Remarks
APRIL	1-4-26 to 15-4-26	Introduction of Syllabus, Basic Grammar (Verb Forms) FF1 (A Letter to GOD) Poem 1 (Dust of Snow)	
	16-4-26 to 30-4-26	Poem 2 (Fire and Ice) FWF 1 (A Triumph of Surgery) FF2 (Nelson Mandela- Long Walk to Freedom) Writing : format of letter writing	
MAY	1-5-26 to 15-5-26	Writing: Practice of formal letter writing based on a given situation FF3 (Two stories about Flying) Poem 3 (A Tiger In the Zoo) Reading: Practice of reading comprehension Grammar : Determiners; Tenses	
	16-5-26 to 31-5-26	FWF 2 (The Thief's Story) FWF 3 (The Midnight Visitor) Reading: Practice of reading comprehension Writing: Practice of Letter Writing	
JUNE	Summer Vacations		
JULY	1-7-26 to 15-7-26	Recapitulation of syllabus FF4 (From the Diary of Anne Frank) Poem 4 (How to tell Wild Animals) FWF4 (A Question of Trust) Reading: Practice of comprehension Grammar: Modals	
	16-7-26 to 31-7-26	FF5(Glimpses of India) Poem 5 (The Ball Poem) Writing- Analytical Paragraph Grammar - Subject Verb Agreement, Reported Speech (Statements, Questions)	

AUG	1-8-26 to 15-8-26	Practice of reading comprehension, Letter Writing, Analytical Paragraph, Reported Speech	
	16-8-26 to 31-8-26	Revision of Syllabus	
SEP	Revision of Syllabus and Half Yearly Exam		

INFORMATION TECHNOLOGY

MONTH	DATE	CHAPTER	CHAPTER/TOPIC	Remarks	
APRIL	1-4-26 to 15-4-26	Unit 1	Shortcut Keys, Styles/ categories in Writer, Page, Paragraph, Character, Frame, List, tables, Styles and Formatting Fill Format, Creating a new style, From Selection method, Drag and Drop method, Updating a new style, Load style from template or document. Applying styles.		
	16-4-26 to 30-4-26		Inserting an Image in a Document, Insert Image Option, Drag and Drop option Copy and Paste method, Inserting an image by linking, Options to modify image using image toolbar, resize, crop and delete an image. Drawing Objects, Creating drawing objects, setting or changing its properties, Resizing and grouping drawing objects. Positioning image in the text, Arrangements, Anchoring, Alignment, Text Wrapping		
MAY	1-5-26 to 15-5-26	Unit-1	Table of contents, Hierarchy of headings, Creating a Table of Content (ToC), Customization of Table of Contents (ToC), Maintaining a Table of Contents (ToC)		
			Communication Cycle, various Methods of communication; Provide descriptive and specific Feedback;		
			Semester-I Examinations		
	16-5-26 to 31-5-26		Principles of effective communication, Measure to overcome Barriers; Basic writing skills; ICT Skills Operating system, Working with files & Folder. Care & maintenance of Computers, Cyber Safety.		
JUNE	Summer Vacations				
JULY	1-7-26 to 15-7-26	Unit-2	Consolidating Data, Groups and Subtotals, What-if Scenarios, What-if Analysis Tool, Goal Seek		
	16-7-26 to 31-7-26		Recording a Macro, Running a Macro, Creating and Organising a Simple Macro, Macro as a Function, Setting up multiple sheets. Creating reference to other sheets by using keyboard and mouse. Creating reference to another document by using keyboard and mouse. Hyperlinks to the Sheet, Relative and Absolute Hyperlinks, Creating Hyperlinks, Editing a Hyperlink, Linking to External Data, Linking to Registered Data Sources		
AUG	1-8-26 to 30-8-26	Unit-2	Sharing Spreadsheet, Opening and saving a shared spreadsheet, Recording changes, Add, Edit and Format the comments. Reviewing Changes – View, Accept or Reject Changes, Merging and comparing. 2.1- Stress Management Techniques, Ability To work Independently,		
SEP	Revision of Unit 1 and 2 Half Yearly Exam				

SOCIAL SCIENCE

MONTH	DATE	BOOK	CHAPTER/TOPIC	Remarks	
APRIL	1-4-26 to 30-4-26	GEOGRAPHY	Lesson 1- Resources and Development : Introduction and Development of Resources, Resource Planning, Land Resource, Soil as a Resource, Written Work, Book Work, Map Work Lesson 2- Forest and Wild Life Resources : Flora and Fauna in India, Types and Distribution of Forest and Wild life Resources, Community and Conservation, Written work, Notes Making		
		ECONOMICS	Lesson 1- Development: What is Development, National Development, Public Facilities and Sustainable Development, Written Work		
MAY	1-5-26 to 31-5-26	CIVICS	Lesson 1- Power Sharing : Belgium and Sri Lanka, Majoritarianism in Sri Lanka, Accommodation in Belgium, Forms of Power Sharing, Written Work		
		HISTORY	Lesson 1- The Rise of Nationalism in Europe : The Rise of Nationalism in Europe, The French Revolution and Idea of the Nation, The making of Nationalism in Europe, The Age of Revolutions:-1830-1848, The making of Germany and Italy, Visualizing of Nation, Nationalism and Imperialism, Written work, Note Making in class		
		ECONOMICS	Lesson 2- Sectors of the Indian Economy : Sectors of the Economic Activities, Comparing the three sectors, Division of Sectors as organised and unorganised, Sectors in terms of Ownership: Public and Private Sector, make notes		
		CIVICS	Lesson 2- Federalism : What is Federalism?, What makes India a Federal Country?, How is Federalism Practised?, Decentralisation In India, Written Work, Note Making		
JUNE	Summer Vacations				
		HISTORY	Lesson 2- Nationalism in India : The First World War, Khilafat and Non-Cooperation Different Strands within the movement, Towards Civil Disobedience, How participants saw the movement, The limits of Civil Disobedience, The sense of Collective Belonging, Conclusion, Written Work, Note Making, Map Work.		

JULY	1-7-26 to 31-7-26	GEOGRAPHY	Lesson 3- Water Resources : Water Scarcity and the need for water conservation, Multi Purpose River Projects, Rainwater Harvesting, Written Work, Note Making, book Work and Map Work	
		ECONOMICS	Lesson 3- Money and Credit : Money as a medium of Exchange, Loan Activities of Banks and Two Different Credit Situations, Terms of Credit, Formal Sector Credit in India, Written Work, Note Making	
AUG	1-8-26 to 15-8-26	GEOGRAPHY	Lesson 4- Agriculture : Types of Farming,Cropping pattern and Major crops,Food crops other than Grains,Technological and Institutional Reforms, Written Work, Note making	
	16-8-26 to 31-8-26	CIVICS	Lesson 3- Gender,Religion and Caste: Gender and Politics,Women's Political representation, Religion, Communalism and Politics,Caste and Politics,Written Work,Note making	
SEP	Revision of Syllabus and Half Yearly Exam			

MATHEMATICS				
SEP	DATE	CHAPTER	CHAPTER/TOPIC	Remarks
APRIL	1-4-26 to 15-4-26	1 & 2 Real Number Polynomials	Fundamental Theorem of Arithmetic H.C.F., L.C.M., Applications of H.C.F., L.C.M, Concept of Irrational Numbers, Introduction of Polynomials, Sum and Product of Quadratic Polynomials, Relation Between Zeros and Coefficients of Polynomials, + Test of Chapter 1 Real Numbers	
	16-4-26 to 30-4-26	15 & 16 Statistics and probability	Concept of Mean, Missing Frequencies Sum of Mean, Median, Missing Frequencies of Median and Mode, Missing Frequencies of Mode Sums, Different cases sums related to probability + Test of Chapter Polynomials + ch15	
MAY	1-5-26 to 15-5-26	3 & 10 PAIR OF LINEAR EQUATIONS IN TWO VARIABLES & TRIGONOME TRICRatios	Graphical Method, Substitution Method, Elimination Method, Consistency, Inconsistency, Word Problem Sums , Trigonometric Ratio Tables with the help of trick + Test of Chapter 16	
	16-5-26 to 31-5-26	Word problem of 3 & 13 Area related to Circles	Sums related to circumference and Area of Circle, Area of Sector Sum, Area of Segment Sums, + Test of Chapter 03	
JUNE	Summer Vacations			
JULY	1-7-26 to 15-7-26	6 Coordinate Geometry	Co-ordinate Geometry introduce, Distance formula's, sums related to section formula, Sum of Mid Point Formula,	
	16-7-26 to 31-7-26	5 ARITHMETIC PROGRESSIO NS	introduce with sequence + Sequence general terms in A.P + Sum to n terms of A.P.	
AUG	1-8-26 to 31-8-26	Sum of n term of A.P + Ch12 Some Application of Trigonometry HEIGHTS AND DISTANCES:	How we can use A.P to find sums+ heights and distance sums + Test of Ch - 6	
SEP	Revision of Syllabus and Half Yearly Exam			



THANKS

BEST WISHES

