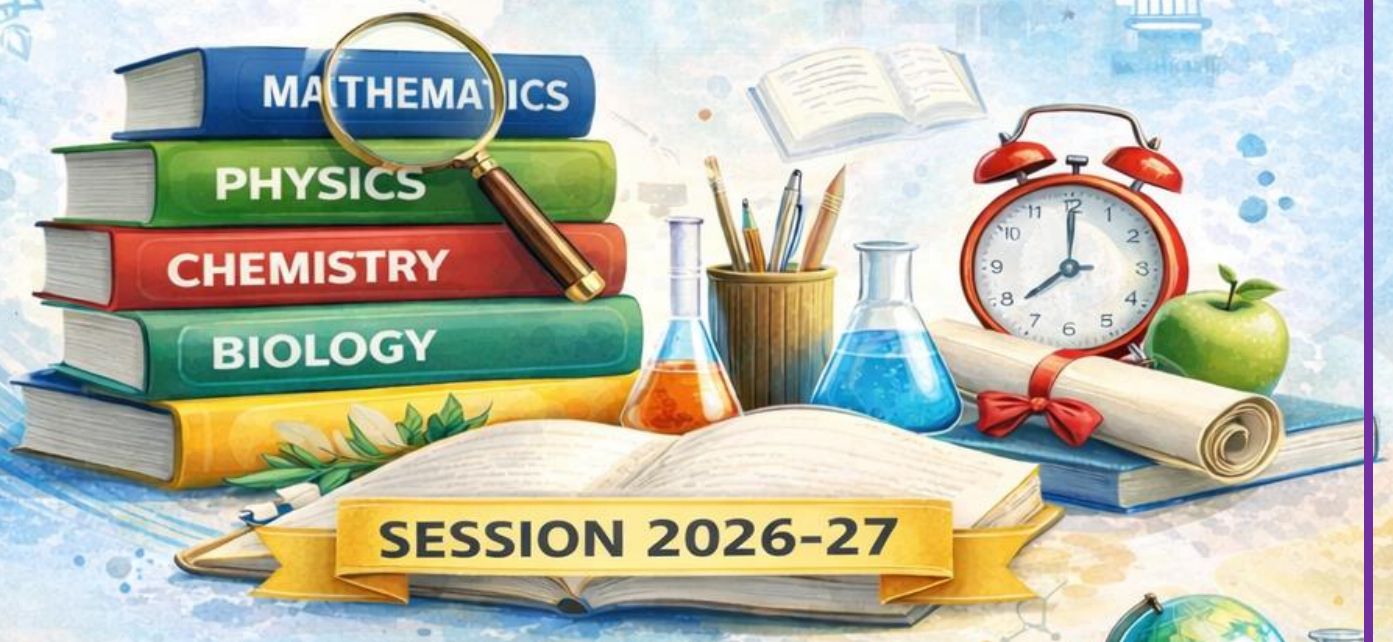
LITTLE FLOWER HOUSE

SENIOR SECONDARY SCHOOL (AFFILIATED TO C.B.S.E-NEW DELHI)

CLASS 12
SYLLABUS



SESSION 2026-27

ENGLISH

April 24	• Reading section: unseen passage for reading comprehension • Advanced writing skills: Notice, Invitation& Replies • Flamingo Lesson 1: The Last Lesson • Poem 1: My Mother at Sixty-Six • Vistas lesson 1: The Third Level • Vistas lesson 2: The Tiger King
PERIODIC TEST -1 8th MAY TO 16TH MAY 2025	
May+June 13+07	• Creative Writing Skills: Invitation and Reply Letter- Business and Official Letter • Flamingo lesson 2: Lost Spring • Poem: Keeping Quite • Vistas lesson 3: Journey to the End of the Earth
July 27	• Advanced writing skills: Article and Report • Flamingo Lesson 3: Deep water • Flamingo Lesson 4: The Rattrap • Flamingo Lesson: Indigo • Poem 4: A Thing of Beauty
PERIODIC TEST -2	
August 21	• Flamingo Lesson 6: Poets and Pancakes • Poem 5: A Road Side Stand • Vistas lesson 4: The Enemy • Vistas lesson 6: On The Face Of It • Vistas lesson 8: Memories of childhood – Part 1: The Cutting of My Long Hair
September 12	Revision and Half Yearly Examination
HALF YEARLY EXAMINATION	
October 20	• Flamingo Lesson 7: The Interview– Part 1 • Poem 6: Aunt Jennifer's Tigers • Vistas Lesson 8: Memories of childhood –Part 2 We too are Human Beings
November 19	• Flamingo Lesson 7: The Interview – Part 2 • Flamingo Lesson 8: Going Places
December 25	• Pre – Board Assessment 1: Practice of Model / Sample Papers, Answer the Queries, Final Revision for the Need Cases
PRE BOARD EXAMINATION	

CLASS XII PHYSICS — CHAPTER-WISE DETAILED TEACHING PLAN 2026–27						
CBSE | Max Marks: 70 | 14 Chapters | 9 Units						
Unit	**Chapter**	**Chapter Name**	**Key Topics**	**Periods**	**Marks**	**Planned Month**
Unit I Electrostatics	**Chapter 1**	**Electric Charges and Fields**	• Electric Charges; Conservation of charge • Coulomb's law — force between two point charges • Forces between multiple charges; superposition principle • Electric field; field lines; field due to a point charge • Electric dipole, field due to a dipole; torque on a dipole • Continuous charge distribution; Gauss's theorem & applications	20	**16 marks**	**Mar–Apr 2026 (23-03-26 to 10-04-26)**
Unit I Electrostatics	**Chapter 2**	**Electrostatic Potential and Capacitance**	• Electric potential, potential difference; potential due to a point charge • Potential due to a dipole and system of charges • Equipotential surfaces; relation between field and potential • Potential energy of a system of charges; in an external field • Conductors and insulators; dielectrics; polarisation • Capacitors: parallel plate, with dielectric; combination of capacitors • Energy stored in a capacitor; Van de Graaff generator	18		**Apr–May 2026 (12-04-26 to 28-04-26)**
Unit II Current Electricity	**Chapter 3**	**Current Electricity**	• Electric current; flow of charges; drift velocity; mobility • Ohm's law; electrical resistance; resistivity; conductivity • Temperature dependence of resistance; internal resistance • Kirchhoff's laws and applications • Wheatstone bridge;	22		**Apr-May-Jun–Jul 2026 (29-04-26 to-04-07-26)**

Unit III Magnetic Effects of Current and Magnetism	**Chapter 4**	**Moving Charges and Magnetism**	• Concept of magnetic field; Oersted's experiment • Biot-Savart law; magnetic field due to current element • Magnetic field on axis of circular current loop • Ampere's law; solenoid; toroid • Force on moving charge; Lorentz force; cyclotron • Force on current-carrying conductor; force between parallel conductors • Torque on rectangular loop; magnetic dipole; galvanometer	20	**17 marks**	**Jul 2026 (06-07-26 to-25-07-26)**
Unit III Magnetic Effects of Current and Magnetism	**Chapter 5**	**Magnetism and Matter**	• Bar magnet; magnetic field lines; earth's magnetic field • Para-, dia- and ferro-magnetic substances • Magnetic susceptibility; permanent magnets; electromagnets	10		**Jul 2026 (27-04-26 to-31-07-26)**
Unit IV Electromagnetic Induction and Alternating Currents	**Chapter 6**	**Electromagnetic Induction**	• Faraday's laws; induced EMF and current; Lenz's law • Self and mutual induction; eddy currents	14		**August 2026 (03-08-26 to-10-08-26)**
Unit IV Electromagnetic Induction and Alternating Currents	**Chapter 7**	**Alternating Current**	• AC voltage applied to R, L, C; series LCR circuit • Resonance; power in AC circuits; power factor • AC generator; transformer	18		**August 2026 (13-08-26 to-25-08-26)**
Unit V Electromagnetic Waves	**Chapter 8**	**Electromagnetic Waves**	• Basic idea of displacement current; Hertz's experiment • Electromagnetic spectrum; uses of EM waves	8	**18 marks**	**August 2026 (26-08-26 to-29-08-26)**
Unit VI Optics	**Chapter 9**	**Ray Optics and Optical Instruments**	• Reflection; spherical mirrors; mirror formula • Refraction; total internal reflection; optical fibers • Refraction at spherical surfaces; lenses; lens formula; power • Refraction and dispersion through a prism • Scattering of light; optical instruments: microscopes & telescopes	24		**September 2026 (31-08-26 to 14-09-26)**
Unit VI Optics	**Chapter 10**	**Wave Optics**	• Wavefront; Huygens principle; reflection & refraction • Interference; Young's double slit experiment • Diffraction; single slit; resolving power • Polarisation; Brewster's law; uses of polaroids	18		**September 2026 (15-09-26 to 25-09-26)**
Unit VII	**Chapter**	**Dual Nature of**	• Photoelectric effect; Einstein's photoelectric equation	8	**12 marks**	**September 2026**

Dual Nature of Radiation and Matter	**11**	**Radiation and Matter**	• Particle nature of light; wave nature of matter; de Broglie relation			**(26-09-26 to 29-09-26)**
Unit VIII Atoms and Nuclei	**Chapter 12**	**Atoms**	• Alpha-particle scattering; Rutherford's model • Bohr model; energy levels; hydrogen spectrum	10		**Octoberber 2026 (08-10-26 to 13-10-26)**
Unit VIII Atoms and Nuclei	**Chapter 13**	**Nuclei**	• Composition and size of nucleus; nuclear force • Mass-energy; binding energy per nucleon; nuclear fission; fusion	8		**Octoberber 2026 (14-10-26 to 17-10-26)**
Unit IX Electronic Devices	**Chapter 14**	**Semiconductor Electronics**	• Energy bands; conductors, insulators, semiconductors • p-n junction; semiconductor diode; I-V characteristics • Diode as rectifier	14	**7 marks**	**Oct - Nov2026 (26-10-26 to 03-11-26)**

UNIT		EXPERIMENTS	MONTH
SECTION - A	EXPERIMENT -1	To find resistance of a given wire / standard resistor using metre bridge.	**APRIL**
	EXPERIMENT -2	To verify the laws of combination (series) of resistances using a metre bridge. OR To verify the laws of combination (parallel) of resistances using a metre bridge.	**MAY**
	EXPERIMENT -3	To determine resistance of a galvanometer by half-deflection method and to find its figure of merit.	**JULY**
	EXPERIMENT -4	To find the frequency of AC mains with a sonometer.	**AUGUST**
SECTION - B	EXPERIMENT -5	To find the focal length of a convex lens by plotting graphs between u and v or between 1/u and 1/v.	**SEPTEMBER**
	EXPERIMENT -6	To determine angle of minimum deviation for a given prism by plotting a graph between angle of incidence and angle of deviation.	**SEPTEMBER**
	EXPERIMENT -7	To find the refractive index of a liquid using convex lens and plane mirror.	**OCTOBER**
	EXPERIMENT -8	To draw the I-V characteristic curve for a p-n junction diode in forward and reverse bias.	**OCTOBER**
UNIT		Activities	**MONTH**
SECTION - A	ACIVITY -1	To assemble a household circuit comprising three bulbs, three (on/off) switches, a fuse and a power source.	**NOVEMBER**
	ACIVITY -2	To assemble the components of a given electrical circuit.	**NOVEMBER**
	ACIVITY -3	To study the variation in potential drop with length of a wire for a steady current.	**NOVEMBER**
SECTION - B	ACIVITY -4	To identify a diode, an LED, a resistor and a capacitor from a mixed collection of such items.	**NOVEMBER**
	ACIVITY -5	To observe refraction and lateral deviation of a beam of light incident obliquely on a glass slab.	**NOVEMBER**
	ACIVITY -6	To study the nature and size of the image formed by a (i) convex lens, or (ii) concave mirror, on a screen by using a candle and a screen (for different distances of the candle from the lens/mirror).	**NOVEMBER**

PERIODIC TEST SYLLABUS — CLASS XII PHYSICS 2026–27			
★ PERIODIC TEST 1 (PT-1) | DATE: 08 MAY – 15 MAY 2026 | MAX MARKS: 30 (AS PER CBSE NORM)			
UNIT	**CHAPTER**	**TOPICS COVERED**	**MARKS**
Unit I	**Chapter 1: Electric Charges**	• Electric Charges; conservation; Coulomb's law; superposition	**15 Marks**

	and Fields	• Electric field; field lines; due to point charge • Electric dipole; torque on dipole; Gauss's theorem & applications	
Unit I	**Chapter 2: Electrostatic Potential and Capacitance**	• Electric potential; potential difference; due to point charge and dipole • Equipotential surfaces; relation between E and V • Potential energy of system of charges; dielectrics; polarisation • Capacitors; parallel plate capacitor; combination; energy stored;	**15 Marks**
★ PERIODIC TEST 2 (PT-2) | Date: 21 July – 25 July 2026 | Max Marks: 30 (as per CBSE norm)			
Unit	**Chapter**	**Topics Covered**	**Marks**
Unit I	**Chapter 1 & 2 (Revision)**	• All topics from PT-1 (Electrostatics)	**15 Marks**
Unit II	**Chapter 3: Current Electricity**	• Electric current; drift velocity; mobility; Ohm's law • Resistivity; conductivity; temperature dependence • Internal resistance; EMF; Kirchhoff's laws • Wheatstone bridge; metre bridge; potentiometer	**15 Marks**
★ PRE-BOARD EXAMINATION | Date: From 07 December 2026 | Max Marks: 70 | Time: 3 Hours			
Full CBSE Syllabus — All 9 Units (Unit I to Unit IX) | All 14 Chapters | 70 Marks Pattern: Section A (MCQ) + Section B (VSA 2M) + Section C (SA 3M) + Section D (Case-based 4M) + Section E (LA 5M)			

CHEMISTRY

MONTH	NO. OF WORKI NG DAYS	NAME OF THE UNIT	CONTE NT	SMART CLAS S	NCERT EXERCISES	WORKSH EET	TEST	PRACTICALS	TOTA L PERIO DS
APRIL	**19**	Solution	**22**	**4**	**4**	**4**	**4**	2 PD- Mohr's salt 2 PD- Oxalic acid	38
APRIL & MAY	**17**	Electrochemistry	**18**	**4**	**4**	**4**	**4**	-	34
PERIODIC TEST - 1 (From 8th May 2026)									
JUNE & JULY	**17**	Chemical Kinetics	**20**	**4**	**4**	**4**	**2**	2 PD. Zero group 2 PD. First group	34
PERIODIC TEST - 2 (From 21st July 2026)									
JULY & AUGUST	**15**	D and F-Block Elements	**14**	**4**	**4**	**2**	**2**	2 PD. 2nd group 2 PD. 3rd group	30
AUGUST & SEPTEM BER	**18**	Coordination Compounds	**22**	**4**	**4**	**4**	**2**	2 PD-4th group 2 PD-5th group	36
HALF YEARLY EXAMINATION (FROM 21ST SEPTEMBER - 2026)									
SEPTEM BER &	**16**	Haloalkanes and	20	4	2	4	2	2 PD – Alcoholic group	32

OCTOBER		Haloarenes						2 PD- Phenolic group	
OCTOBER	**12**	Alcohol, Phenol and Ethers	14	2	2	4	2	2 PD- Aldehydic group 2 PD- Ketonic group	24
OCTOBER & NOVEM BER	**14**	Aldehydes, Ketones and Carboxylic Acid	**18**	**2**	**2**	**4**	**2**	2 PD- Carboxylic group 2 PD- Amine group	28
NOVEM BER	**13**	Amines	**12**	**2**	**4**	**4**	**2**	-	26
NOVEM BER	**12**	Biomolecules	**14**	**2**	**4**	**2**	**2**	-	24
NOVEM BER	**-**	Revision (10 PD)	**-**	**-**	**-**	**-**	**-**	-	-
PRE BOARD EXAMINATION (1) - From 7 DECEMBER 2026									
PRE BOARD EXAMINATION (2) - From 6 JANUARY 2027									

MATHEMATICS

S.NO	MONTH AND NUMBER OF WORKING DAYS	NAME OF THE UNIT	NAME OF THE CHAPTER/ ADDITIONAL QUESTIONS	PERIOD ALLOTTED	ACTIVITY
1.	April (23 days)	Algebra	Matrices	25 periods	
			Determinants	25 periods	
2.	May (13 days) June (07 days)	Relations and Functions	Relations and Functions	15 periods	1. To verify that the relation R in the set L of all lines in a plane defined by R=$\{(l,m): l \perp m\}$ is symmetric, but neither reflexive nor transitive. 2. To verify that the relation R in the set L of all lines in a plane, defined by $R = \{(l,m): l \| m$ is an equivalence relation.
PERIODIC TEST -1					
3.	July (27 days)	Inverse trigonometric Functions	Inverse trigonometric Functions	15 periods	3. To explore the principal value of function using value of the function $sin^{-1}x$ using a unit circle.
		Calculus	Continuity and Differentiability	20 periods	4. To sketch the graphs of a^x and $log_a x$, a>0, $a \neq 1$ and to examine that they are mirror images of each other. 5. To establish a relationship between common logarithm to (the base 10) and natural logarithm (to the base e) of the number x. 6. To find analytically the limit of a function f(x) at x=c and also to check the continuity of the function at that point.

			PERIODIC TEST -2		
4.	August (21 days)		Application Of Derivatives	10 periods	7. To understand the concept of local maxima and local minima and point of inflexion. 8. To understand the concept of absolute maximum and minimum value of a function in a given close interval through its graph.
5.	September (13 days)		Integrals	20 periods	
			Application of Integrals	15 periods	9. To evaluate the definite integral $\int_a^b \sqrt{(1-x^2)}\,dx$ as a limit of a sum and verify it by actual integration.
			Differential equation	15 periods	
HALF YEARLY EXAMINATION					
6.	October (18 days)	Vectors and Three-Dimensional Geometry	Vectors	15 periods	10. To verify that angle in a semi-circle is a right angle, using vector method.
			Three-Dimensional Geometry	15 periods	
7.	November (19 days)	Linear Programming	Linear Programming	20 periods	
		Probability	Probability	30 periods	11. To explain the computation of conditional probability of a given event A, when event B has already occurred through an example of throwing a pair of dice.
	December 25	Revision		20 periods	
PRE BOARD EXAMINATION					

BIOLOGY

S. NO.	MONTH	NO. OF DAYS	CHAPTERS NAME	ACTIVITIES
1.	April	13	Sexual Reproduction in Flowering Plants	Flower demonstration, Preparation of temporary mount of Pollen germination.
2.	April	10	Human Reproduction	Diagnose the Models & Charts of Male & Female Reproductive System, Observation of T.S. section of Testis & ovary by permanent slide, To observe T.S. of Blastula by permanent slide.

3.	May	08	Reproductive Health	Group discussion of ART & STDs
4.	May	17	Principle of Inheritance & Variation	Pedigree Analysis, Mendel's 1st law Experiment
5.	June-July	20	Molecular Basis of Inheritance	DNA extraction by plant or animal cell, Create Concept Map
6.	July	14	Evolution	Observation of Homologous & Analogous organs
7.	July-August	14	Human Health & Diseases	Observation of symptoms, their hosts of Bacterial, Fungul, Protozoan, Helminth, Viral Diseases
8.	August	07	Microbes in Human Welfare	Prepare a chart in which mention uses of Microbes
9.	August	08	Biotechnology: Principles & Applications	Prepare a table in which mentioned all the techniques of r-DNA technology
10.	Aug-Sept	08	Biotechnology & It's Application	Prepare Concept map of different applications of Biotechnology in different regions.
11.	September	08	Organism & Population	Observation of Plant Population Density, Plant Population Frequency
12.	October	07	Ecosystem	Prepare Charts of Ecological Pyramids with different examples
13.	November	09	Biodiversity & Conservation	Make a Chart to show the Relationship between 2 different species

ACCOUNTANCY

S. No.	Month	Chapter Name	No. Of Days	Activities
1	April	Partnership Fundamental	20	
2	April -May	Change in the profit Sharing Ratio	15	Prepare any partnership firm account i.e profit and Loss appropriation account and Balance Sheet
PERIODIC TEST -1 (Partnership Fundamental)				
3	June-July	Admission of a partner	20	

PERIODIC TEST -2				
4	July-August	Retirement of a Partner	15	
5	August	Death of Partner and Dissolution of a partnership firm	30	
HALF YEARLY EXAMINATION				
6	Sep	Issue of share	25	
7	Oct	Issue of Debentures	20	Prepare financial statements of a company (Private company or Public company)
8		Part -B		
9	Oct	Analysis of financial statements (Financial statements of a company	8	
10	Nov	Tools of financial statements analysis (Comparative and common size statements	8	Project work any two Comparative and common size, accounting ratio and cash flow statement/computerize accounting.
11	Nov	Accounting Ratio	10	
12	Nov	Cash Flow statement	14	
13	Dec	Revision.		

BUSINESS STUDIES

MONTH	NAME OF THE CHAPTER	NO. OF DAYS	ACTIVITY
April	Nature and signification of management	15	
April and may	Principles of management	8+5	
PERIODIC TEST -1			
May	Business environment	08	Industrial visit
June +July	Planning	7+7	
July	Organising	13	
PERIODIC TEST -2			

August	Staffing	15	
August+ September	Directing	06+06	
September	Controlling	06	Industrial visit
HALF YEARLY EXAMINATION			
Part-B			
October	Financial Management	15	Project work
October+ November	Financial market	05+05	Project work
November	Marketing management	14	Project work
December	Consumer protection	05	Project work
	Revision and Pre Board		
PRE BOARD EXAMINATION			

ECONOMICS

S. NO	MONTH & NO. OF WORKING DAYS	NAME OF THE UNIT	NAME OF THE CHAPTER/NCERT EX./ADDITIONAL QUESTIONS	PERIOD ALLOTED	ACTIVITY/PROJECT/EXTENDED LEARNING
1	**March & April (23)**	Development experience (1947-90) and economic reforms since 1991	• Indian economy on the eve of independence • Indian economy (1950-1990) • Economic reforms since 1991	**8** **8** **8**	Work these out of NCERT (Case based)
PERIODIC TEST-1					
2	**May(13), June(7) July(12)**	National income and related aggregates	• Introduction • Some basic concepts of macro economics • National income and related aggregates • Methods of calculating national income	**4** **6** **9** **13**	Case study Numerical
3	**July (15)**	Money and Banking	• Money • Banking	**5** **10**	Case study
PERIODIC TEST-2					
4	**Aug , Sept (33)**	Current challenges facing Indian economy	• Human capital formation • Rural development • Employment • Sustainable economic development	**9** **9** **8** **7**	Work these out of NCERT Case study of NCERT Case study of NCERT Work these out of NCERT

5	**Oct & Nov (25)**	Government budget and the economy Balance of payments	• Government budget and the economy • Foreign exchange rate • Balance of payments	**10** **8** **7**	Measures of government deficit Capital and current account and their items Appreciation and depreciation of domestic currency and impact
HALF YEARLY EXAMINATION					
6	**Nov & Dec(31)**	Determination of income and employment Development experience of India - A comparison with neighbors	• Aggregate demand and its components • Short run equilibrium output • Problem of excess and deficit demand • India and Pakistan • India and China	**8** **8** **8** **7**	Problem of excess demand and deficient demand Measures to correct them
	December	Revision			
PRE BOARD EXAMINATION					

HISTORY

S.NO	MONTH AND WORKING DAY	NAME OF THEMES	CONTENT	SMART CLASS	NCERT	WORKSHEET	TEST	MAP & PROJECT
1	April (23)	1-Bricks, Beads and Bones(12)	11	1	9	1	1	2 Activity -map work Mature Harappan sites: Harappa, Banawali, Kalibangan, Balakot, Rakhigarhi, Dholavira, Nageshwar, Lothal, Mohenjodaro, Chanhudaro, KotDiji
2		2-Kings, Farmers and Towns(12)	12	1	9	1	1	2 Activity -Map Mahajanapada and cities: Vajji, Magadha, Kosala, Kuru, Panchala, Gandhara, Avanti, Rajgir, Ujjain, Taxila, Varanasi
PERIODIC TEST 1								
3	May (13)	3-Kinship, Caste and Class (13)	13	2	9	1	1	2 Activity -map work Distribution of Ashokan inscriptions: Pillar inscriptions – Sanchi, Topra, Meerut Pillar and

								Kaushambi. Kingdom of Cholas, Cheras and Pandyas. Important kingdom Kushanas, Shakas, Satavahanas, Vakatakas,Guptas Cities/towns: Mathura, Kanauj, Puhar, Braghukachchha, Shravasti, Rajgir, Vaishali, Varanasi,Vidisha
4	June and July (7+27)	4-Thinker beliefs and building (14) 5-Through the eye of travellers (12)	14 12	2 1	9 8	1 1	1 1	2 2 Project work Activity -map work Major Buddhist Sites: Nagarjunakonda, Sanchi, Amaravati, Lumbini, Bharhut, Bodh Gaya, Ajanta
5	August 21	6-bhakti sufi tradition(13)	13	1	9	1	1	2
6		7-An Imperial Capital: Vijayanagar(11)	11	2	9	1	1	2
PERIODIC TEST -2								
7	September 13	8-Peasants, Zamindars and the State (13)	13	1	9	1	2	2
HALF YEARLY EXAMINATION								
8	October 18	9.Colonialism and the countryside 10.Rebel and the raj	11 12	1 1	9 9	1 1	2 1	2 1 Map work Centres of the Revolt of 1857: Delhi, Meerut, Jhansi, Lucknow, Kanpur, Azamgarh, Calcutta, Benaras, Gwalior, Jabalpur, Agra, Awadh
10	November 19	11-Mahatma Gandhi and the Nationalist Movement	10	2	9	1	2	2 Important centres of the National Movement: Champaran, Kheda, Ahmedabad, Benaras, Amritsar, Chauri Chaura, Lahore, Bardoli, Dandi, Bombay (Quit India Resolution),
11		12-Framing the Constitution	9	2	9	1	2	1
	December 25	Revision for Pre board.						
PRE BOARD EXAMINATION								

POLITICAL SCIENCE

MONTH	WORKING DAYS	CHAPTER	PERIODS	ACTIVITY	TOPIC TO FOCUS
APRIL	23	Ch :- 1 End Of Bipolarity Ch :- 2 Contemporary Centers Of Power	12 12	Map Work (Cold War alliances), timeline making Map work + research on EU	Cold War, USSR disintegration EU, ASEAN, China
MAY	13	Ch :- 3 Contemporary South Asia	15	Group discussion+ Case study analysis	India-Pak, Nepal ,Sri Lanka, SAARC
JUNE	07	Ch :-4 International Organisation	12	Model UN activity	UN, WTO, IMF
JULY	27	Ch :-5 Security in Contemporary World Ch :-6 Environment and Natural Resources Ch :- 7 Globalization	12 12 12	Role play (security issues) Poster making Debate	Traditional vs non- traditional Climate change, Rio Summit Impact on India
AUGUST	21	Ch :-1 Challenges of Nation Building Ch :-2 Era of One Party Dominance Ch :-3 Politics of Planned Development	12 10 15	Map + case study Timeline activity Group discussion	Partition, integration Congress system Planning, economy
SEPTEMBER	12	Ch :-4 India's External Relations	12	Map work , Debate	NAM, China war,
		Ch :-5 Congress System Crisis	9	Case study	Pakistan, global role Coalition politics
OCTOBER	20	Ch:-5 (CONTI.) Ch :-6 Crisis of Democratic Order Ch :-7 Regional Aspirations	6 18 9	(Conti.) Documentary analysis Map + discussion	(Conti.) Emergency Punjab, Assam
NOVEMBER	19	Ch :-8 Recent Developments in India	15	Research presentation	Coalition era

GEOGRAPHY

MONTH	WORKING DAYS	PERIODS	CHAPTER NAME	ACTIVITY
Term I				
April	24 (36 periods)	08 05 05 05 06 06	**Unit I** 1.Human Geography **Unit II** 2. The World Population Distribution, density and Growth **Book 2** 1. Population Distribution Density Growth and Composition 2. Human Settlements Practical: Data sources plus introduction Revision/ Map practice	Class test Map practice Map practice Case study
May	13 (20 period)	05 05 08 02	3.Human development 4. Primary activity **Book 2** 3. Land Resources and Agriculture Revision and map practice	5 min play Map practice Map practice
Periodic test 1				
Term 2				
June	07 (10 periods)	05 05	**Book 1** 5. Secondary Activities 6. Tertiary and Quaternary Activities	Case study Describe nature of work of each collor name
July	27 (40 periods)	10 10 10 05 05	**Book 2** 4. Water Resources 5 Mineral And Energy Resources 6 Planning and Sustainable Development in Indian Context **Unit III (Book 1)** 7. Transport, Communication 8. International trade ***Book 1 complete***	Map of rivers Map of minerals Map of routes Quiz
Periodic test 2				
August	21 (31 periods)	07 03 07 03	**Book 2** 7. Transport and Communication Map practice 8. International Trade	Map of routes Graph work Case study

		02 05 03	Map practice 1)Data-its source and Compilation 9. Geographical Perspective on selected issues and problems ***Book 2 complete***	
September	12 (18 periods)	10 08	2) Data Processing 3)Graphical representation of Data	Graph work
October	20 (30 periods)	10 10	4)Spatial Information Technology Map Work (Based on locating and labelling on a political map of India)	
November	19 (28 periods)	15 15	Complete revision Answer writing and map practice	
December	Revision			
PRE BOARD EXAMINATION				

HINDI

क्रम संख्या	महीना और कार्य दिवसों की संख्या	पाठ्य पुस्तक	पाठ का नाम /NCERT अभ्यास प्रश्न	आवंटित अवधि	गतिविधियां /परियोजनाएं /विस्तारित शिक्षा
1	अप्रैल (23 दिन)	आरोह भाग - 2	गद्यखंड भक्तिन -महादेवी वर्मा पाठ का वाचन - व्याख्या, गद्यांश परक प्रश्न, प्रश्न अभ्यास , कार्यपत्रिका, इकाई परीक्षा	5	महादेवी वर्मा के व्यक्तित्व व कृतित्व पर एक लेख तैयार करें
			काव्यखंड हरिवंश राय बच्चन - आत्म परिचय, एक गीत कविता का सस्वर वाचन - व्याख्या, शब्दार्थ, काव्यांश पर आधारित वस्तुपरक प्रश्न, प्रश्न अभ्यास, कार्यपत्रिका, इकाई परीक्षा	5,1	
		अभिव्यक्ति और माध्यम	विभिन्न माध्यमो के लिए लेखन- वाचन -व्याख्या, प्रश्न अभ्यास कार्य पत्रिका, इकाई परीक्षा	5,1	
		लेखन	रचनात्मक लेखन	3	
			अपठित बोध- गद्यांश व काव्यांश	8,1	
2	मई (16 दिन)	आरोह गद्यखंड	बाजार, अभ्यास कार्य, कार्यपत्रिका मूल्यांकन कार्य	6,1	
PERIODIC TEST -1					
3	जून 06 दिन	आरोह काव्यखंड	पतंग, अभ्यास कार्य , मूल्यांकन कार्य	4	
		अभिव्यक्ति और माध्यम	कहानी का नाट्य रूपांतरण अभ्यास कार्य, मूल्यांकन कार्य	5,1	

4	जुलाई (25 दिन)	आरोह गद्यखंड	काले मेघा पानी दे, वाचन व्याख्या, अभ्यासकार्य, मूल्याकन कार्य	5,1	सिल्वर वैडिंग **कहानी का नाट्य रूपानतरण**
		आरोह काव्यखंड	कविता के बहाने , बात सीधी थी पर (रघुवीर सहाय) अभ्यास कार्य, मूल्याकन कार्य	5	
		वितान भाग-२	सिल्वर वैडिंग	8,1	
PERIODIC TEST -2					
5	अगस्त (23 दिन)	आरोह काव्यखंड	कैमरे में बंद अपाहिज, उषा कविता, सस्वर वाचन, अभ्यास कार्य, मूल्यांकन कार्य	6,1	**कविता का सस्वर वाचन एवं लेखन**
		अभिव्यक्ति और माध्यम	**रेडियो नाटक, अभ्यासकार्य, मूल्यांकन गद्यांश व काव्यांश**	5	
		अपठित बोध	अभ्यास कार्य	6	
		वितान भाग-२	जूझ (आनंद यादव) अभ्यास कार्य, मूल्यांकन कार्य	5	
6	सितंबर (दिन 13)	आरोह काव्यखंड	बादल राग , अभ्यास कार्य, मूल्यांकन कार्य	5,1	
		वितान भाग-२	अतीत में दबे पाँव, वाचन, अभ्यास, मूल्यांकन कार्य	7	
HALF YEARLY EXAMINATION					
7	अक्टूबर 18 दिन)	आरोह काव्य खंड	कवितावली, लक्ष्मण मूर्छा व राम का विलाप, वाचन, अभ्यासकार्य, मूल्याकन कार्य	6	**तुलसीदास की काव्यगत विशेषताएं**
		आरोह गद्यखंड	पहलवान की ढोलक, अभ्यास कार्य, मूल्यांकन कार्य	5	
		अभिव्यक्ति और माध्यम	अप्रत्याशित विषयो पर लेखन, अभ्यासकार्य	6,1	
8	नवंबर (२4 दिन)	आरोह गद्यखण्ड	शिरीष के फूल, वाचन, अभ्यास कार्य, मूल्यांकन कार्य	5,1	**शिरीष के फूल का सार लेखन।**
		आरोह काव्यखंड	रुबाइयाँ, अभ्यास कार्य, मूल्यांकन कार्य	5	
		अभिव्यक्ति और माध्यम	पत्रकारिता व जनसंचार माध्यमो के लिए लेखन	6	
		लेखन	रचनात्मक लेखन, अभ्यास कार्य	5	
9	दिसंबर (20 दिन)	आरोह (गद्यखण्ड)	श्रम विभाजन तथा जाति प्रथा	5,1	
		आरोह (काव्य खंड)	छोटा मेरा खेत, बगुलों के पंख - वाचन व व्याख्या, अभ्यास कार्य , मूल्यांकन कार्य	6	
		अपठित बोध	अभ्यास कार्य	4	
		रचनात्मक लेखन	विभिन्न विषयों पर लेखन **पुनरावृत्ति**	4	
PRE BOARD EXAMINATION					

PHYSICAL EDUCATION

S.NO.	MONTH	NO. OF WORKING DAYS	NAME OF THE CHAPTER	PERIOD ALLOTTED/ DAYS REQUIRED	ACTIVITY/PROJECT/EXTENDED LEARNING/PRACTICAL
1	APRIL	18	Management of Sporting Events	18	2 PERIOD EACH WEEK FOR PRACTICAL
2	APRIL/ MAY	6 + 7	Children and Women in Sports	13	2 PERIOD EACH WEEK FOR PRACTICAL
PERIODIC TEST -1					
3	May/June	6+7	Yoga as Preventive measure for Lifestyle Disease	13	2 PERIOD EACH WEEK FOR PRACTICAL
4	JULY	15	Physical Education & Sports for (CWSN)	15	2 PERIOD EACH WEEK FOR PRACTICAL
PERIODIC TEST -2					
5	July /AUGUST	10+5	Sports & Nutrition	15	2 PERIOD EACH WEEK FOR PRACTICAL
6	AUGUST	15	Test and Measurement in Sports	15	2 PERIOD EACH WEEK FOR PRACTICAL
HALF YEARLY EXAMINATION					
7	SEPTEMBER	12	Physiology & Injuries in Sport	12	2 PERIOD EACH WEEK FOR PRACTICAL
8	OCTOBER	15	Biomechanics and Sports	15	2 PERIOD EACH WEEK FOR PRACTICAL
9	OCTOBER /NOVEMBER	5+10	Psychology and Sports	15	2 PERIOD EACH WEEK FOR PRACTICAL
10	NOVEMBER	9+6	Training in Sports	15	2 PERIOD EACH WEEK FOR PRACTICAL
	DECEMBER		Revision		
PRE-BOARD EXAMINATION					

COMPUTER SCIENCE

S. NO./ CHAPTERS	Month & No of Working Days	Name of the chapter	Periods	Practical Periods
1.	April	Revision Tour – I & Revision Tour – II	14	10
2.	May	Functions: creating user defined function, arguments and parameters, default parameters, positional parameters, function returning value(s), flow of execution, scope of a variable (global scope, local scope) Exception Handling: Introduction, handling exceptions using try-except-finally blocks	10	03
PERIODIC TEST -1: REVISION TOUR – I & REVISION TOUR – II				
3.	June	Functions: Revision		07
4.	July	Text file: opening a text file, text file open modes (r, r+, w, w+, a, a+), closing a text file, opening a file using with clause, writing/appending data to a text file using write() and writelines(), reading from a text file using read(), readline() and readlines(), seek and tell methods, manipulation of data in a text file. Binary file: basic operations on a binary file: open using file open modes (rb, rb+, wb, wb+, ab, ab+), close a binary file,	12	15
PERIODIC TEST -2:CHAPTERS 2 & 3				
5.	August	import pickle module, dump() and load() method, read, write/create, search, append and update operations in a binary file	05	10
HALF YEARLY EXAMINATION: CHAPTER 1 TO 5				
6.	August & September	CSV file: import csv module, open / close csv file, write into a csv file using writer(),writerow(),writerows() and read from a csv file using reader() Data Structure: Stack, operations on stack (push & pop), implementation of stack using list.	07 10	07 11
7.	October	**Computer Networks:** Evolution of networking: introduction to computer networks, evolution of networking (ARPANET, NSFNET, INTERNET) Data communication terminologies: concept of communication, components of	10	04

		data communication (sender, receiver, message, communication media, protocols), measuring capacity of communication media (bandwidth, data transfer rate), IP address, switching techniques (Circuit switching, Packet switching) Transmission media: Wired communication media (Twisted pair cable, Co-axial cable, Fiber-optic cable), Wireless media (Radio waves, Micro waves, Infrared waves) Network devices (Modem, Ethernet card, RJ45, Repeater, Hub, Switch, Router, Gateway, WIFI card) Network topologies and Network types: types of networks (PAN, LAN, MAN, WAN), networking topologies (Bus, Star, Tree) Network protocol: HTTP, FTP, PPP, SMTP, TCP/IP, POP3, HTTPS, TELNET, VoIP Introduction to web services: WWW, Hyper Text Markup Language (HTML), Extensible Markup Language (XML), domain names, URL, website, web browser, web servers, web hosting.		
		Database Management: introduction to database concepts and its need Relational data model: relation, attribute, tuple, domain, degree, cardinality, keys (candidate key, primary key, alternate key, foreign key)	06	
8.	November	Structured Query Language: introduction, Data Definition Language and Data Manipulation Language, data type (char(n), varchar(n), int, float, date), constraints (not null, unique, primary key), create database, use database, show databases, drop database, show tables, create table, describe table, alter table (add and remove an attribute, add and remove primary key), drop table, insert, delete, select, operators (mathematical, relational and logical), aliasing, distinct clause, where clause, in, between, order by, meaning of null, is null, is not null, like, update command, delete command, aggregate functions (max, min, avg, sum, count), group by, having clause, joins: Cartesian product on two tables, equi-join and natural join. Interface of python with an SQL database: connecting SQL with Python, performing insert, update, delete queries using cursor, display data by using connect(), cursor(), execute(), commit(), fetchone(), fetchall(), rowcount, creating database connectivity applications, use of %s format specifier or format() to perform queries	08	04
09	November	REVISION	07	
PRE-BOARD-1 EXAMINATION				

PSYCHOLOGY

S.NO	MONTH	CHAPTERS	NO OF PERIODS REQUIRED	ACTIVITY/PROJECTS
1	April	Variations in psychological attributes	30	NCERT exercise + project work+ experimental work
		Self and personality	32	
PERIODIC TEST -1				
2	May	Meeting life challenges+ practical (experiment)	26	NCERT exercise + project work+ experimental work
3	June+ July	Psychological disorders +practical (experiment)	35	NCERT exercise + project work+case studies
PERIODIC TEST -2				
4	August	Therapeutic approaches	23	NCERT exercise + project work+ experimental work with case profile
5	September	Attitude and social cognition	25	NCERT exercise + project work+ experimental work
HALF YEARLY EXAMINATION				
6	October	Social influence and group process	20	NCERT exercise + project work
7	November	(experiment + revision)	20	NCERT exercise + project work+ experimental work with case profiles
8	December	(experiment+ revision)	20	NCERT exercise + project work
PRE BOARD EXAMINATION				

HINDUSTANI MUSIC VOCAL

Practical : Music-Vocal

HALF YEARLY

Sr. No.	Topics	No. of Periods
1.	One Vilambit khyal in any one of the Prescribed Ragas with Alap and Taan.	10
2.	One Drut khyal in each of the Prescribed Ragas with Alap and Taan.	15
3.	Tarana with Thah, Dugun and Chaugun in prescribed Ragas	10
4.	Identification of Raga by Listening the Notes of following Ragas:- Bhairav and Malkauns	05
5.	Reciting the Thekas of Talas with hand beats in Thah, Dugun & Chaugun of the following :- (i) Jhaptala (ii) Rupak	10
		Total = 50 Pd.

1.	Choice raga (Vilambit and Drut khyal) with Alap and Taan in any one of the following Ragas:- Bageshri and Malkauns	30
2.	Tarana with Thah, Dugun and Chaugun in prescribed Ragas.	15
3.	Identification of Raga by Listening the Notes of following Ragas:- Bageshri and Malkauns	10
4.	Reciting the Thekas of Talas with hand beats in Thah, Dugun & Chaugun (i) Jhaptala (ii) Rupak	15
		Total =70 marks
	PREBOARD	
Sl.No.	**Topics**	**No. of Periods**
1.	One Vilambit khyal with Alap and Taan in any one of the following Ragas. (i) Bhairav (ii) Malkauns (iii)Bageshri	10
2.	One Drut khyal with Alap and Taan in each of the following Ragas. (i) Bhairav (ii) Malkauns (iii)Bageshri	10
3.	One Dhamar with Thah, dugun and Chaugun.	10
4.	Ability to recognize the prescribed ragas from the phrases of swaras rendered by the examiner.	05
5.	Reciting the Theka of Dhamar with hand beats in Thah, Dugun and Chaugun.	10
6.	Tuning of Tanpura and questions regarding it.	05
7.	Practical file	--
		Total = 50 Pd.
Sl.NO.	**Value Points**	**Marks**
1.	Choice raga (Vilambit and Drut khyal) with Alap and Taan in anyone of the following Ragas. (i) Bhairav (ii) Malkauns (iii)Bageshri	18
2.	Examiner's Choice Raga.	10
3.	One Tarana and One Dhamar with Thah, Dugun and Chaugun.	16

4.	Ability to recognize the prescribed ragas from the phrases of swaras rendered by the examiner.	06
5.	Reciting the Thekas of following Talas with hand beats in Thah, Dugun and Chaugun. (i) Jhaptala (ii) Rupak (iii) Dhamar	10
6.	Tuning of Tanpura and questions regarding it.	05
7.	Practical file	05
		Total = 70 marks

*** Examiner will refer to the distribution of marks while examining candidate for practical examinations.**

*** Revision- Practice of Music-practical must continue till board practical exam. This also would help the students to their Theory-preparation.**

SYLLABUS FOR PERIODIC TEST -2

1. Brief study of Tana, Kan, Khatka-murki gram and murchha.
2. Detail study of sangeet Ratnakar.
3. Life sketch and contribution of Ustad Faiyaz khan and Pandit Krishna Rao Shankar Pandit.
4. Details study of Sangeet Parijat.
5. Description of Dhamar alongwith Tala notation in Thah, Dugun, Tigun & Chaugun layakari.
6. Critical study (theoretical description) of Raga Bhairav and Rag Bageshri.
7. Tuning system of Tanpura.

PAINTING

Theory Book- HISTORY OF INDIAN ART.
And Practical .

MONTH	THEORY	Practical
April-24 **May-13**	**Unit-1** **chapter -1-**The origin and Development of Miniature painting in India, Chapter2- Six limbs of oain and Rajasthani school of Miniature painting, Chapter 3– The Pahari school of Miniature painting.	Still life in pencil shading.
PERIODIC TEST - 1		
JUNE-7 **JULY-27**	Unit-2 Chapter 4- The Mughal school of minisha painting Chapter -5 - the Deccan school of miniature painting	Still life in different medium of colours.
PERIODIC TEST-2		
AUGUST -22	Unit -3 Chapter -6- introduction to the Bengal School of painting. Chapter 7- study of the paintings of the Bengali School.	Flower study in different medium of shading and canvas painting
SEPTEMBER -12	Chapter 9 -evolution of the Indian National Flag	Figurative composition and portrait practice
HALF YEARLY EXAMINATION		
OCTOBER -20	Unit-4 Chapter 10- modern trends in Indian art. Chapter11- Paintings of the contemporary Indian artist	Colouring in human face and anatomy
NOVEMBER -19	Chapter 12-Graphic prints of the contemporary Indian artists	Canvas painting
PERIODIC TEST -3		
DECEMBER -25	Chapter 13- Sculptures of the contemporary Indian artists.	Folk arts , figurative composition.
JANUARY -18	- Bibliography - Sample papers	Extra works
FEBRUARY -9	Sample papers	Pending practical works.
PRE BOARD EXAMINATION		

MUSIC INSTRUMENTAL TABLA

S/N	Month	Theory Topic	Theory Period	Practical	Practical work
1	**April 23**	Short notes of the following Uthan Definition of Kayada and Peshakar	8	16	Ability to play Theka of Rupak on tabla or pakhawa with simple elaboration. &
2	**May 09**	Comparative study of Chautala-Ektala Jhaptala-sultala Definition of Rela and Tukara	6	7	Three kayda in teen taal and Peshkar
PERIODIC TEST 1					
3	**July 27**	Definition of Paran Layakari and its varieties	03 10	04 15	One rela, one sadharan tukra, one paran.
4	**August 21**	Brief description of Gharanas of Tabla or Pakhawaj	10	11	One Chakardar Tukra or one farmayishi Chakardar in prescribed tala
PERIODIC TEST 2					
5	**September 12**	Definition of Chakratar Tukara History of Tabla Definition of Pharamasti Tukara	4	8	Ability to play one advance kayda rela with two paltas & tihai few simple laggis in dadra taal
HALF YEARLY EXAMINATION					
6	**October 20**	Biographies of Pandit Kishan Maharaj & Ustad Zakir Hussain Definition of Gat and Tihai	8	12	One simple tukras , one sadharan chakkardar tukra or parans
7	**November 19**	Silent feature of style & biography raja chatrapati singh , guru purushottam das	10	9	Two damdar tihai & one paran in rupak or tevra tala and one gat in teen taal
8	**December 25**	Writing notation of prescribed talas and compositon Recognition of Talas from given portion of the Thekas and compositions. Prescribed Tallas: Teentala or Adi taala, Rupak or Tevra	10	15	Recitation of the prescribed talas & compositon with Thah,Dugun& chaugun Laya keeping Tala with hand beats.
PRE BOARD EXAMINATION					