SECOND TERM SYLLABUS OF ACCOUNTANCY FOR CLASS 11-C (2024-25)	
1st October-28th October2024	Bank Reconciliation Statement Preparation of Bank reconciliation statement, need and method of preparedness with respect to various transactions
8th November-26th November2024	Financial Statements Preparation of financial statements, preparation of trading account and profit and loss account preparation of balance sheet, Operating profits and net profit, grouping and marshalling in balance sheet formula based questions Financial Statements (with adjustments) Adjustments of financial statements with respect to 1 closing stock, outstanding expenses, prepaid expenses, accrued income income, received in advance, depreciation, bandit provision for bad and doubtful
27th November-23rd December2024	Provision for discount on debtors abnormal loss is goods taken over bye stuff and personal use interest on capital and managerial commission. Provisions and Reserve Revenue reserves, capital reserves, general reserves, specific reserves and secret reserves. Difference between reserve and provision and capital reserve and revenue reserve.
24th December 2024 -23rd January 2025	Rectification of Errors Trial balance and rectification of errors, types of errors, errors of commission, errors of omission, Principal, errors and compensatory errors and rectifying the errors by use of suspense account and disposal of suspense account
24th January-10th February 2025	Accounting from Incomplete Records (only by use of statement of Affairs method) Single entry or incomplete records. Preparation of statement of affairs in the beginning of the year and end of the year and taking out profit or losses by help of statement as well as with emphasis on adjustments.
11th February-28th February 2025	Revision Project work

SYLLABUS BREAK-UP
BUSINESS STUDIES
CLASS XI

DATES	TOPICS
1st October-28th October2024	CH- 8 Sources of business finance
8th November-26th November2024	CH- 9 MSME & Business entrepreneurship
27th November-23rd December2024	CH-10 Internal Trade
24th December 2024 -23rd January 2025	contd. CH-10 Internal Trade & Project Discussion
24th January-10th February 2025	CH-11 International Business
11th February-28th February 2025	Revision

SYLLABUS BREAK-UP
ECONOMICS
CLASS I1

Dates	TOPICS
1st October-28th October2024	<u>Part B- Statistics for economics</u> Ch- 8 Measures of central tendency-Mean (cont.) Ch- 9 Measures of central tendency-Median & Mode <u>Part A- Introductory Microeconomics</u> Ch-5 Production function
8th November-26th November2024	Ch-6 Cost Ch-7 Revenue Ch-8 Producer's Equilibrium
27th November-23rd December2024	Ch-9 Supply Ch-10 Main market forms Ch-11 Price determination with simple applications
24th December 2024 -23rd January 2025	<u>Part B- Statistics for economics</u> Project discussion & Viva Ch-10 Correlation Ch-11 Index numbers
24th January-10th February 2025	Revision
11th February-28th February 2025	Revision Final examination.

Syllabus BIOLOGY

Class 11

2023-24

S. No	Dates		Class XI
1st Sem Cycles			
1			
2	April -May	Ch17 –Breathing and Exchange of Gases Ch:18- Body Fluids and Circulation	
3	Jul	Ch:19- Excretory Products and their Elimination Ch:20- Locomotion and Movement	
4	Aug	Ch: 21- Neural Control and Coordination Ch:22- Chemical Coordination	
5	Sep	Ch:22 contd Revision FIRST TERM SYLLABUS: HUMAN PHYSIOLOGY	
2nd Sem Cycles			
1	Oct	Ch:13 Photosynthesis	
2	Nov	Ch:14- Respiration in Plants Ch:15- Plant Growth and Development	
3	Dec	Ch:8- Cell:Unit of Life Ch:9- Biomolecules Ch:10- Cell cycle and Cell Division	
4	jan	Ch:5- Morphology of Flowering Plants Ch:6- Anatomy of Flowering Plants Ch :7- Structural Organisation of Animals	
5	Feb	Ch:3 Plant kingdom Ch:4- Animal kingdom	
6		Revision	

CLASS XI PHYSICS

Mechanical Properties of Solids 30th sep – 19th Oct	Elasticity, Stress-strain relationship, Hooke's law, Young's modulus, bulk modulus, shear modulus of rigidity (qualitative idea only), Poisson's ratio; elastic energy.
Mechanical Properties of Fluids 21 st Oct- 8 Oct	Pressure due to a fluid column; Pascal's law and its applications (hydraulic lift and hydraulic brakes), effect of gravity on fluid pressure. Viscosity, Stokes' law, terminal velocity, streamline and turbulent flow, critical velocity, Bernoulli's theorem and its simple applications. Surface energy and surface tension, angle of contact, excess of pressure across a curved surface, application of surface tension ideas to drops, bubbles and capillary rise.
Thermal Properties of Matter 11th Oct – 16th Oct	Heat, temperature, thermal expansion; thermal expansion of solids, liquids and gases, anomalous expansion of water; specific heat capacity; Cp, Cv - calorimetry; change of state - latent heat capacity. Heat transfer-conduction, convection and radiation, thermal conductivity, qualitative ideas of Blackbody radiation, Wein's displacement Law, Stefan's law .
Thermodynamics 18th Oct- 7th Dec.	Thermal equilibrium and definition of temperature, zeroth law of thermodynamics, heat, work and internal energy. First law of thermodynamics, Second law of thermodynamics: gaseous state of matter, change of condition of gaseous state -isothermal, adiabatic, reversible, irreversible, and cyclic processes.
Kinetic Theory 9th Dec- 18th Dec	Equation of state of a perfect gas, work done in compressing a gas. Kinetic theory of gases - assumptions, concept of pressure. Kinetic interpretation of temperature; rms speed of gas molecules; degrees of freedom, law of equi-partition of energy (statement only) and application to specific heat capacities of gases; concept of mean free path, Avogadro's number.
Oscillations 10th Jan – 25th Jan	Periodic motion - time period, frequency, displacement as a function of time, periodic functions and their applications. Simple harmonic motion (S.H.M) and its equations of motion; phase; oscillations of a loaded spring-restoring force and force constant; energy in S.H.M. Kinetic and potential energies; simple pendulum derivation of expression for its time period.
Waves 27th jan- 12th Feb	Wave motion: Transverse and longitudinal waves, speed of travelling wave, displacement relation for a progressive wave, principle of superposition of waves, reflection of waves, standing waves in strings and organ pipes, fundamental mode and harmonics, Beats.

SYLLABUS PLANNING 2024-25
Class 11 CHEMISTRY
II SEMESTER

1 Oct-28 Oct 24	UNIT 8	Organic chemistry- some basic principles and techniques
8 Nov -26 Nov 24	UNIT 9	Hydrocarbons
27 Nov- 23 Dec 24	Unit 5	Thermodynamics
24 Dec- 23 Jan 25	Unit 5 Unit 6	continued Equilibrium
24 Jan - 10 Feb 25	Unit 6	continued
11 Feb 25 onwards	-	Revision

Sardar Patel Vidyalaya
Syllabus Bifurcation
Computer Science
2024-25

S. No	FROM	TO	NO OF DAYS	Class XI
1	1/10/24	28/10/24	14	Unit 2: Computational Thinking and Programming - I • Lists • Tuples
2	8/11/24	26/11/24	14	Unit 2: • Tuples (contd.) • Dictionaries
3	27/11/24	23/12/24	14	Unit 2: • Dictionaries (contd.)
4	24/12/24	23/01/25	14	Unit 3: Society, Law and Ethics • Digital Footprints • Digital Society and Netizen • Data Protection • Cyber Crime • Cyber Safety **Submission of practical and project file**
5	24/01/25	10/02/25	14	Unit 3: • Malware • E-waste management • IT Act • Technology and Society
6	11/02/25	28/02/25	13	Revision and mock tests

SARDAR PATEL VIDYALAYA

Class XI / ENGLISH SYLLABUS / 2024-25

1st to 22nd April

Letter to the English teacher

The Photograph

The Portrait of a lady

Reading Comprehension

23rd April to 10th May

The Laburnum top

Summer of the Beautiful white horse

11th May to 17th May

Poster (Awareness+ in formation)

Reading Comprehension (Subj)

1st to 19th July

Classified Advertisement (For Sale, To-Let)

Reading Comprehension (Subj)

The Address

Grammar - Gap filling

Notemaking - introduction

20th July to 7th August

Voice of the Rain

We're not afraid to die

Note Making

08th to 29th August

Discovering Tut

Note Making & Summary

Speech and Debate

Reading Comprehension

Sentence transformation

30th August to 10th September

Writing skills + Lit – revision

Listening comprehension Practice

RC + Grammar Practice

TERM II

1st to 28th October

Childhood

Mother's Day

Reading Comprehension (MCQ)

8th November to 26th November

Father to Son

Revision : Classified advt

Speech

Reading comprehension (Subj)

The Adventure

Debate

Notemaking practice

27th November to 23rd   December

Birth

Poster (Revision)

Notemaking / RC

Classified advt : Lost / found

24th December to 23rd January

Reading comprehension (MCQ +Subj)

Speech +Debate

The tale of Melon city

Silk Road

Classified Advt: situation vacant /wanted, matrimonial

24th January to 10 th February

Writing skills + Lit – revision

LC + RC + Grammar Practice

MATHS SYLLABUS / TERM II / CLASS 11

SECOND TERMINAL SYLLABUS OF Math FOR CLASS 11(2024-25)	

1ST Oct - 28th Oct	Chapter11- Conic Sections
	    1. Circles
	    2. Parabola
	    3. Ellipse
	    4. Hyperbola
	    (Misc Solved and unsolved is deleted)

8th Nov – 26th Nov	Chapter7 – Permutation and Combination
	    1. Fundamental principal of counting 1,2
	    2. Concept of arrangement and P(n,r)
	    3. Concept of Selection and C(n,r)
	
	Chapter8 – Binomial Theorem
	    1. Formula
	    2. General term

27th Nov – 23rd Dec	Chapter15 – Statistics
	    1. Mean
	    2. Mode
	    3. Median
	
	Chapter16 – Probability
	    1. Random Experiment
	    2. Sample space
	    3. Event space
	    4. Types of events
	    5. Probability Questions using combination and set formulae

24th Dec – 23rd Jan	Chapter2- Relations and Functions
	    1. Product of Sets
	    2. Relations- domain, co-domain, range, pre image, image and arrow diagram.
	    3. Product of Sets
	    4. Relations- domain, co-domain, range, pre image, image and arrow diagram.
	    5. Functions- Standard real valued functions, Domain, co-domain, range of various functions(including branch functions)

24th Jan – 10th Feb	Chapter – Limits and Derivatives
	    1. Limits concept
	    2. Special Formulae
	    3. First principle

11th Feb – 28th Feb	Chapter – Limits and Derivatives continued
	    1. Derivative using product and quotient rule
	    2. Chain Rule introduced
	
	Revision

SYLLABUS/ HISTORY/ 11 A/ 2024-25

TERM 2:
  1st OCT- 28h oct
    THEME 6:Displacing Indigenous people

 8th nov - 26th Nov
   Theme 7:Paths to modernization (JAPAN)
27th NOV - 23RD DEC
   THEME 7 continued (CHINA)

  24th december to 23rd January
    PATHS TO MODERNIZATION - KOREA
24th jan- 10Th FEBRUARY
introduction to unit 1
   (class 12)
11th FEB- 28TH FEB: REVISION

PRACTICAL WORK: PROJECT ON WORLD
HISTORY(TOPIC TO BE CHOSEN BY THE
STUDENT) 20 MARKS

Sardar Patel Vidyalaya

Term II Syllabus Bifurcation
Political Science
2024-25

Dates	Class XI
1ST October- 28th October'24	**Book 1 : Indian Constitution At work** Chapter 7: Federalism Chapter 8: Local Government
08th November– 26th November'24	Chapter 8: Local Government (cont.) Chapter 9: Philosophy of the Indian Constitution
27th November- 23rd December'24	**Book 2 : Political Theory** Chapter 1: Political Theory Chapter 5: Rights Chapter 6: Citizenship
24th December – 23rd January'25	Chapter 6: Citizenship (cont.) Chapter 7: Nationalism Chapter 8: Secularism
24th January– 10th February'25	Chapter 8: Secularism (cont.) Project Presentation and Viva
11th February – 28th February'25	Revision for Term -II Exams

PHYSICAL EDUCATION
CLASS 11 syllabus semester 2

Chapter 7- 1st October-28th October

Chapter 8 - 8th November -26th November
Written work in Practical file

Chapter 9 - 27th November -23 December

Chapter 9 contd.- 24th December-23rd
                        January
Introduction of chapter 10

Chapter 10 contd. - 24th January- 10th
                          February

Revision11 February onwards

CLASS XI PSYCHOLOGY

FROM DATE	TO DATE	NUMBER OF DAYS	SYLLABUS CONTENT
1/10/24	28/10/24	14	- Chapter **5**: Sensation, Attention and Perceptual processes - Introduction to **2nd term practical** work
8/11/24	26/11/24	14	- Chapter **6**: Learning - Submission of written practical work
27/11/24	23/12/24	14	- Chapter **6**: Learning (contd) - Chapter **7**: Human Memory - Introduction to SCAT and SCQ
24/12/24	23/01/25	14	- Chapter **7**: Human Memory (contd) - Introduction to MPI, DBDA and SPM
24/01/25	10/02/25	14	- Chapter **8**: Thinking - Chapter **9**: Motivation and emotion **Submission of Practical work**
11/02/25	28/02/25	13	Revision and mock tests

SYLLABUS PLANNING CLASS XI SOCIOLOGY 2024- 2025 (Term II)

DATES	SYLLABUS
01st October- 28th October	**Ch- Social Structure, Stratification and Social Processes in Society** (Two ways of understanding Social Processes in Sociology, Cooperation and Division of Labour, Competition as an Idea and Practice , Conflict and Cooperation)
08th November- 26th November	**Ch- Social Change and Social Order in Rural and Urban Society** (Social Change: Types, Causes and Consequences, Social Order: Domination, Authority and Law, Contestation, Crime and Violence, Concepts: Village, Town and City, Social Order and Social Change in Rural and Urban Areas)
27th November- 23rd January	**Ch- Introducing Western Sociologists** (The Context of Sociology, Karl Marx on Class Conflict, Emile Durkheim : Division of Labour in society, Max Weber: Interpretive Sociology, Ideal Type & Bureaucracy)
24th January- 10th February	**Ch- Indian Sociologists** (G.S. Ghurye on Caste and Race, D.P. Mukherjee on Tradition and Change, A.R. Desai on the State, M.N. Srinivas on the Village)
11th February- 28th February	Revision and mock tests

Sardar Patel Vidyalaya
Syllabus Bifurcation
Informatics Practices
2024-25

S. No	FROM	TO	NO OF DAYS	Class XI
1	1/10/24	28/10/24	14	Ch- 7 Database Concepts
2	8/11/24	26/11/24	14	Ch- 7 Database Concepts (contd.)
3	27/11/24	23/12/24	14	Ch- 8 Introduction to SQL
4	24/12/24	23/01/25	14	Ch- 8 (contd.)
5	24/01/25	10/02/25	14	Ch – 2 Emerging trends **Submission of practical file**
6	11/02/25	28/02/25	13	Revision and mock tests

SYLLABUS BREAK-UP
FINE ARTS, TERM-2
CLASS XI

Dates	Topics
1st October-28th October 2024	Artistic aspects of Indian Temple sculpture (6th Century A.D. to 13thCentury A.D.) 1) • Introduction to Temple Sculpture
8th November-26th November 2024	• Study and appreciation of following Temple-Sculptures: • Descent of Ganga (Pallava period, Mahabalipuram,Tamil Nadu) • Trimuti (Elephanta, Maharashtra) • Lakshmi Narayana (Kandariya MahadevTemple)(Chandela period, Khajuraho, Madhya Pradesh) • Cymbal Player, Sun Temple (Ganga Dynasty,Konark, Orrisa) • Mother and Child (Vimal-Shah Temple, Solanki Dynasty, Dilwara, Mount Abu; Rajasthan)
27th November-23rd December 2024	**Bronzes:** • Introduction to Indian Bronzes. • Method of casting (solid and hollow) • Study and appreciation of following South Indian Bronze: • Nataraj (Chola period Thanjavur Distt.,Tamil Nadu) 12thCentury A.D •
24th December 2024 -23rd January 2025	**Artistic aspects of the Indo-Islamic architecture:** • Introduction
24th January-10th February 2025	. Study and appreciation of following architecture: • Qutub Minar, Delhi • Gol Gumbad of Bijapur
11th February-28th February 2025	Revision