

Sardar Patel Vidyalaya
Term 1 Syllabus Bifurcation
Economics
2024-25

Dates	Class XII
1 st April – 22 nd April	MACROECONOMICS Unit 4:- Government Budget
23 rd April – 10 th May	MACROECONOMICS Unit 1: National Income and related aggregates.
11 th May – 17 th May	INDIAN ECONOMIC DEVELOPMENT CH-1: Indian economy on the eve of independence.
1 st July – 19 th July.	INDIAN ECONOMIC DEVELOPMENT Ch-2: Indian economy 1950-1990 Ch-3: Economic Reforms since 1991
20 th July – 7 th August	MACROECONOMICS Unit-2: Money and Banking INDIAN ECONOMIC DEVELOPMENT Ch- 4: Human Capital formation
8 th Aug – 29 th Aug	INDIAN ECONOMIC DEVELOPMENT Ch-5: Rural Development Ch-6: Employment
30 th Aug – 10 th Sept	Revision for Term -I Exams

ACCOUNTANCY SYLLABUS-CLASS 12

FIRST TERM SYLLABUS OF ACCOUNTANCY FOR CLASS 12-C (2024-25)	
1st April 2024-22 nd April,2024	Fundamentals of Partnership and Goodwill Valuation ,
22 nd April,2024-10 th May,2024	Admission of Partner Presentation of Financial statements as per Companies Act 2013 Meaning of Financial Analysis
11 th May,2024-17 th May 2024	Retirement of a partner
1st July,2024-19 th July,2024	Death of a partner Change in Profit Sharing Ratio
20 th July,2024-7 th Aug,2024	Dissolution of a Partnership
8 th Aug,2024-29 th Aug,2024	Comparative and common size statements Ratio Analysis (first half)
30 th Aug,2024-10th-September	Revision for Term I

Syllabus BIOLOGY

Class 12

2024-25

S. No	Dates		Class XII
1 st Sem Cycles			
1	1st Apr – 24 th Apr	Ch:1-Sexual Reproduction in Flowering Plants	
2	23 rd Apr – 10 th May	Ch:4 Principles of Inheritance and Variation Ch:5-Molecular basis of inheritance Project work during extra classes	
3	11 th May – 17 th June	Ch:2 Human reproduction	
4	1st Jul – 19 th July	Ch 3: Reproductive health Ch:6-Evolution	
5	20 th July – 7 th August	Ch 7: Human health and diseases	
6	8th August - 29 th August	Project work	
7	30th August – 10 September	Revision	

BUSINESS STUDIES SYLLABUS - CLASS 12

FIRST TERM SYLLABUS OF BUSINESS STUDIES FOR CLASS 12-C (2024-25)	
1st April 2024-22 nd April,2024	Nature and Significance of Management
22 nd April,2024-10 th May,2024	Principles of Management
11 th May,2024-17 th May 2024	Business Environment and Project discussion
Ist July,2024-19 th July,2024	Financial Management Financial Markets
20 th July,2024-7 th Aug,2024	Marketing management
8 th Aug,2024-29 th Aug,2024	Consumer Protection Planning
30 th Aug,2024-10th-September	Organising Final Project Discussion and Approval Revision

ENGLISH SYLLABUS for Class-XII

2024-2025

Term I

01- 22nd April

- My mother at 66
- Keeping Quiet
- Informal Invite / reply
- Reading Comprehension

23rd April - 10th May

- The Third Level
- Deep Water
- Letter to the Editor

11th -17thMay

- Lost Spring
- Article Writing
- Project brief/groups

01st - 19thJuly

- Journey to the end of the Earth
- The interview
- Report Writing

20th July - 7th August

- The Tiger King
- A Thing of Beauty
- Formal Invitation and Reply
- Listening Comprehension

8th -29th August

- Poets and Pancakes
- The Enemy
- On the face of it
- Reading Comprehension(obj+ subj)

30th August-11thSeptember

- Going Places
- Letter to the Editor (Practice)

- Article Writing (Practice)

Term II

1st - 19th October

- The Rattrap
- A Roadside Stand
- Indigo

21st October - 9th November

- Memories of Childhood
- Article
- Report Writing
- Job application

9th November - 8th December

- The Last Lesson
- Aunt Jennifer's Tigers
- Writing skills practice
- Literature Question Bank

Class 12 History Syllabus First term - Teacher : Jayashree Mohan

Academic Year 2024-25

- 1) Bricks, beads and bones (Theme1) :
March 2024 during block teaching
- 2 Kings, farmers and towns (Theme2)
(3rd APRIL- 15TH APRIL)
3. Kinship, caste and class. (Theme 3) :
15TH APRIL- 30th MAY)
- 4 Thinkers, beliefs and buildings
(Theme4 30th-MAY- 13 TH MAY)
- 5 Through the eyes of travellers
(Theme5). : 13th May - 8TH July 2024
6. Bhakti Sufi traditions (Theme 6) : (

8TH July2024- 23rdJULY)

7. An Imperial capital: Vijaynagara
(Theme7): (23rd July 2024- 7th AUGUST)

8. Peasants, zamindars and the state
(Theme 8 : (7th August -20th august)

9 Colonialism and countryside(Theme
10) ((20th August - 5th september)

Submission of project synopsis May 2024

Sardar Patel Vidyalaya
Syllabus Bifurcation
Informatics Practices
2024-25

S. No	Dates/Month	Class XII
1	1 st April – 22 nd April	Ch- 1: SQL Functions; Aggregate Functions
2	23 rd April – 10 th May	Ch – 1: Group By, Having and Order By clause Ch – 1: Joins
3	11 th May – 17 th May	Ch- 2: Data Handling using Pandas – I (Introduction to Series)
4	1 st July – 19 th July	Ch- 2: Data Handling using Pandas – I : Series (contd..), Dataframes (Introduction)
5	20 th July – 7 th Aug	Ch- 2: Data Handling using Pandas – I : Dataframes
6	8 th Aug – 29 th Aug	Ch- 4: Plotting Data using Matplotlib
7	30 th Aug – 10 th Sep	Revision for Term-I Exams

Syllabus for class XII MATH

1ST APRIL to 22nd April Chapter 2

Inverse trigonometric Functions

23rd April to 10May chapter 5 Continuity and Differentiability

11th May to 17th May Chapter 6 Exercise 6.1,6.2

1st July to 19th July Chapter 6

continue and Chapter 7 Integration

20th July to 7th August Integration continue and Application of integration

8th August to 29th August

Introduction of Differential Equations

30th August to 10 September Differential equation and revision

**SARDAR PATEL VIDYALAYA
PHYSICAL EDUCATION
SYLLABUS
CLASS XII
2024**

TERM 1

1st April — 22nd April

Unit 1 — Management of Sporting Events

23rd April – 10th May

Unit 2 — Children and Women in Sports

Unit 3 — Introduction of Yoga

11th May – 17th May

Unit 3 — Continuation of Yoga as preventive
measure for lifestyle disease
(Yoga file work)

1st July– 19th July

Unit 4 — Physical Education & Sports for
CWSN- Divyang

20th July – 7th August

Unit 5 — Sports Nutrition

8th August – 29th August

Unit 6 — Test & Measurement in Sports
(written work in the file)

30th August — 10th September

Revision

Term 1 exams begin

PRACTICAL

- 1) Practice of SAI Khelo India physical fitness Test.

2)The practical file should include the following:

- a) labelled diagram of field & equipment any one IOA recognised sport/game. Also mention its history , rules, terminologies & skills. 5 sports personalities.
- b) Procedure for Asana's, benefits, and contra - indication for any two asanas for each lifestyle disease.

Syllabus Planning – Class 12th (Physics)

From	TO DATE	Syllabus
1 st April	22 nd April	Electric charges, Conservation of charge, Coulomb's law-force between two- point charges, forces between multiple charges; superposition principle and continuous charge distribution. Electric field, electric field due to a point charge, electric field lines, electric dipole, electric field due to a dipole, torque on a dipole in uniform electric field.
23 rd April	10 th May	Electric flux, statement of Gauss's theorem and its applications to find field due to infinitely long straight wire, uniformly charged infinite plane sheet and uniformly charged thin spherical shell (field inside and outside). Electric potential, potential difference, electric potential due to a point charge, a dipole and system of charges; equipotential surfaces, electrical potential energy of a system of two-point charges and of electric dipole in an electrostatic field.
11 th May	17 th May	Conductors and insulators, free charges and bound charges inside a conductor. Dielectrics and electric polarization, capacitors and capacitance, combination of capacitors in series and in parallel, capacitance of a parallel plate capacitor with and without dielectric medium between the plates, energy stored in a capacitor (no derivation, formulae only).
1 st July	19 th July	Electric current, flow of electric charges in a metallic conductor, drift velocity, mobility and their relation with electric current; Ohm's law, V-I characteristics (linear and non-linear), electrical energy and power, electrical resistivity and conductivity, temperature dependence of resistance, Internal resistance of a cell, potential difference and emf of a cell, combination of cells in series and in parallel, Kirchhoff's rules, Wheatstone bridge
20 th July	7 th August	Concept of magnetic field, Oersted's experiment. Biot - Savart law and its application to current carrying circular loop. Ampere's law and its applications to infinitely long straight wire. Straight solenoid (only qualitative treatment), force on a moving charge in uniform magnetic and electric fields. Force on a current-carrying conductor in a uniform magnetic field, force between two parallel current-carrying conductors-definition of ampere, torque experienced by a current loop in uniform magnetic field; Current loop as a magnetic dipole and its magnetic dipole moment, moving coil galvanometer- its current sensitivity and conversion to ammeter and voltmeter.

8 th August	29 th August	<p>Bar magnet, bar magnet as an equivalent solenoid (qualitative treatment only), magnetic field intensity due to a magnetic dipole (bar magnet) along its axis and perpendicular to its axis (qualitative treatment only), torque on a magnetic dipole (bar magnet) in a uniform magnetic field (qualitative treatment only), magnetic field lines. Magnetic properties of materials- Para-, dia- and ferro - magnetic substances with examples, Magnetization of materials, effect of temperature on magnetic properties.</p> <p>Electromagnetic induction; Faraday's laws, induced EMF and current; Lenz's Law, Self and mutual induction.</p>
30 th August	10 th September	<p>Alternating currents, peak and RMS value of alternating current/voltage; reactance and impedance; LCR series circuit (phasors only), resonance, power in AC circuits, power factor, wattless current. AC generator, Transformer.</p> <p>Basic idea of displacement current, Electromagnetic waves, their characteristics, their transverse nature (qualitative idea only). Electromagnetic spectrum (radio waves, microwaves, infrared, visible, ultraviolet, X-rays, gamma rays) including elementary facts about their uses.</p>

Political Science Syllabus / Class XII

Date	
02/04/2024 to 22/04/2024	Contemporary World Politics : The End of Bipolarity Alternative Centres of Power
23/04/2024 to 10/05/2024	Environment & Natural Resources Globalisation
01/07/2024 to 19/07/2024	International Organisation Security in Contemporary World
20/07/2024 to 07/082024	Contemporary India : Challenges of Nation Building Era of One Party Dominance
08/08/2024 to 29/08/20224	Politics of Planned Development India's External Politics

Class XII Psychology syllabus

Dates and classes	Chapters
1st April – 22nd April	<p>PRACTICAL: (a) 5 PSYCHOLOGICAL TESTS (b) CASE PROFILE FORMAT EXPLAINED Deadlines given to students for file submission</p> <p>Chapter 1: Variations in psychological attributes (theories of intelligence)</p>
23rd April – 10 TH May	<p>Chapter 1: Variations in psychological attributes</p> <p>Chapter completed</p>
11th May - 17th May	<p>Chapter 2: self and personality</p> <p>Till psychodynamic theory of personality</p>
1st July– 19th July	<p>Chapter 2: Self and Personality</p> <p>Chapter completed</p>
20th July - 7th August	<p>Chapter 4: Psychological disorders</p> <p>Till somatoform disorders</p>
8th August - 29th August	<p>Chapter 4: Psychological disorders</p> <p>Chapter completed</p> <p>Chapter 5: Therapeutic approaches</p> <p>Till cognitive therapy</p>
30th August-10 TH September	<p>Chapter 5: Therapeutic approaches</p> <p>Chapter completed</p> <p>Revision and mock tests</p>

SARDAR PATEL VIDYALAYA

SOCIOLOGY SYLLABUS – CLASS XII (2024-2025)

TERM - 1

MONTH	SYLLABUS COVERED
01 April- 22 April, 2024	Book 1 Ch.2- The Demographic Structure & Indian Society
23 April- 10 May, 2024	Book 1 Ch.3- Social Institutions- Continuity & Change
11 May- 17 May, 2024	Book 1 Ch. 5 – Patterns of Social Inequality and Exclusion
01 July- 19 July, 2024	Book 1 Ch. 6 – Challenges of Cultural Diversity & Individual Research File Discussion
20 July- 07 Aug, 2024	Book 2 Ch.-1 Structural Change & Individual Research File
08 Aug- 29 Aug, 2024	REVISION (Full Term 1 Syllabus)
30 Aug- 10 Sept, 2024	Book 2 Ch. 2 – Cultural Change

Tentative Syllabus (2024-25)
Class XII/ Fine Arts (Painting)
Sardar Patel Vidyalaya
Term-1(Theory)

1 st April-22 nd April:	<p>The Bengal School of Painting Introduction to the Bengal School of Painting Origin and development of the Bengal School of Painting Main features of the Bengal School of Painting: Contribution of Indian artists in the struggle for National Freedom Movement.</p>
23 rd April -10 th May:	<p>Appreciation of the following paintings of the Bengal school:</p> <ul style="list-style-type: none"> • Journey’s End – Abanindranath Tagore • Shiv and Sati- Nandla Bose • Radhika - M.A.R.Chughtai • Meghdoot - Ram Gopal Vijaivargiya <p>National Flag of India and the Symbolic significance of its forms and the colours.</p> <p>The Modern Trends in Indian Art Appreciation of the following contemporary (Modern) Indian Art Paintings:</p> <ul style="list-style-type: none"> • Rama Vanquishing the Pride of the Ocean – Raja Ravi Varma • Mother and child – Jamini Roy • Haldi Grinders - Amrita Sher Gill • Mother Teresa- M F Hussain
11 th May-17 th May:	<p>The Modern Trends in Indian Art Graphic - prints:</p> <ul style="list-style-type: none"> • Children – Somnath Hore • Devi – Jyoti Bhatt • Of Walls – AnupamSud • Man, Woman and Tree - K. Laxma Goud
1 st July-19 th July:	<p>Sculptures:</p> <ul style="list-style-type: none"> • Triumph of Labour - D. P. Roychowdhury • Santhal Family - RamkinkarVaij • Cries Un - heard – Amar Nath Sehgal • Ganesha - P.V. Janaki Ram
20 th July-7 th August:	<p>The Rajasthani Schools of Miniature Ptainting Origin and Development Sub-Schools-Mewar, Bundi, Jodhpur, Bikaner, Kishangarh and Jaipur</p>

	Main features of the Rajasthani School
8 th August-29 th August:	Appreciation of the following Rajasthani paintings: <ul style="list-style-type: none"> • Maru Ragini • Chaugan player • Krishna on swing • Radha (Bani-thani) and • Bharat meets Rama at Chitrakuta.
30 th August- 10 th Sept:	Revision

Term-1 (Practical)

April	Watercolor <ul style="list-style-type: none"> • learn about different watercolor techniques. • Practice using different watercolor techniques through specific art exercises. • Develop a familiarity with and a confidence in using watercolor as a medium.
May	Still-life with watercolor Principles of Art (Unit, harmony, balance, rhythm, emphasis, and proportion Oil /Acrylic Painting
July	Figurative composition (watercolor) Media of composition (photomontage / linocut / mural/ Cyanotype/ Mix-media)
August	Perspective drawing
September	Folk art Portfolio presentation

CHEMISTRY SYLLABUS 2024- 25

Class XII, Semester I

	UNIT and TOPIC
1 st April - 22 nd April	Unit- 6 Haloalkanes and Haloarenes <ul style="list-style-type: none">● Classification● Nomenclature● Methods of preparation● Physical and Chemical Properties● Polyhalogen Compounds
23 rd April - 10 th May	Unit- 7 Acohols, Phenols and Ethers <ul style="list-style-type: none">● Classification● Nomenclature● Electronic Structure● Methods of Preparation● Physical and Chemical Properties● Some Commercially Important Alcohols and Phenols● Uses of Ethers
11 th May - 17 th May	Unit-8 Aldehydes, Ketones and Carboxylic Acids <ul style="list-style-type: none">● Nomenclature● Structure and Nature of Carbonyl Group● Methods of preparation● Physical and Chemical Properties● Distinction between Aldehydes and Ketones● Distinction between Phenol and Carboxylic Acid● Uses of Carboxylic Acid
1 st July- 19 th July	Unit- 9 Amines <ul style="list-style-type: none">● Classification● Nomenclature● Methods of preparation● Physical and Chemical Properties● Methods of Preparation of Diazonium Salts and its Properties Unit-10 Biomolecules <ul style="list-style-type: none">● Carbohydrates● Proteins
20 th July- 7 th Aug	Unit-10 Biomolecules <ul style="list-style-type: none">● Vitamines● Nucleic Acids Unit-1 Solutions <ul style="list-style-type: none">● Types of Solutions● Concentration of Solutions● Raoult's Law● Colligative Properties

<p>8th Aug - 29th Aug</p>	<p>Unit-1 Solutions</p> <ul style="list-style-type: none"> ● Osmotic Pressure ● Abnormal Molecular Mass <p>Unit-2 Electrochemistry</p> <ul style="list-style-type: none"> ● Redox Reactions ● EMF of a Cell ● Nernst equation ● Gibbs energy change and EMF ● Conductance in Electrolytic Solutions ● Specific and Molar conductivity
<p>30th Aug – 10th Sept</p>	<p>Unit-2 Electrochemistry</p> <ul style="list-style-type: none"> ● Kohlrausch's Law ● Electrolysis and Law of Electrolysis ● Cells ● Corrosion ● REVISION

Sardar Patel Vidyalaya
Syllabus Bifurcation
Computer Science
2024-25

S. No	Dates/Month	Class XII
1	1 st April – 22 nd April	Unit-III: <ul style="list-style-type: none">• RDBMS• SQL Datatypes• SQL Constraints• SQL Commands• SQL Functions
2	23 rd April – 10 th May	Unit-III: <ul style="list-style-type: none">• SQL Aggregate Functions• Group By, Having Clause• Joins• Interface Python with MySQL
3	11 th May – 17 th May	Unit-I: <ul style="list-style-type: none">• Exception Handling
4	1 st July – 19 th July	Unit-I: <ul style="list-style-type: none">• Functions
5	20 th July – 7 th Aug	Unit-I: <ul style="list-style-type: none">• File Handling (Text files)• File Handling (Binary Files)
6	8 th Aug – 29 th Aug	Unit – 1: <ul style="list-style-type: none">• File Handling (csv files)
7	30 th Aug – 10 th Sep	Revision for Term-I Exams