

English

Half Yearly Topics

June and July

H-1: The Portrait of a Lady

P- 1: A Photograph

H-2: We're Not afraid to Die

P-2: The Laburnom Top

H-3: Discovering Tut: the Saga Continues

P-3: the Voice of The Rain

G-1: Tense, G-2: Sentence Structure

W-1: Formal Letter

W-2: Notice

S-1: The Summer of The Beautiful white Horse

S-2: The Address

W-3: Note – Making and Summarization

W-4: Poster making

W-5: Advertisements

H-4: The Adventure

S-3: Mother's Day

H-5: Silk Road

P-4: Childhood

S-4: Birth

W-6: Speech

W-7: Debate

S-5: The Tale of Melon City

P-5: Father to Son

H-6: The Browning version

G-3: Determiners

G-4: Modals

G-5: Voice

Physics

Motion in Straight Line and Unit and Measurement

Motion in Plane and Law of Motion

Work, Energy and Power

System of Particles and Rotational Motion

Mechanical Properties of solids

Mechanical Properties of Fluids

Thermal properties of Matter and Thermodynamics

Kinetic theory, Waves and Oscillation

Chemistry

Structure of atom, some basic concept of Chemistry

Classification of elements and Periodicity in properties,
chemical Thermodynamics

Chemical bonding and molecular structure

Equilibrium

Organic chemistry: Some basic principles and techniques,
Redox reaction and Hydrocarbon

Biology

The Living World and Plant Kingdom

Biological classification and Morphology on flowering plants

Month

June

July

August

September and October

October and November

November and December

December

January

May to June

June to July

July to September

October and November

November to December

January

June

July

July and August	Anatomy of flowering plants and Structural organisation in Animals
August and September	Animal Kingdom and Cell: The Unit of Life
September and October	Cell Cycle and division
November	Photosynthesis in higher plants and Respiration in Plants
December and January	Breathing and exchange of gases, Body fluids and circulation and Excretory products and their elimination
January	Locomotion and Movement, Neural control and Co – ordination and Chemical co – ordination and integration

Physical Education

	Changing Trends and Careers in Physical Education (Completed)
June	Olympic Value Education
July	Yoga
August	Physical Education & Sports for CWSN
September	Physical Fitness, Health and Wellness
	Test Measurement & Evolution
October	Fundamentals of Anatomy and Physiology in Sports
November	Fundamentals of Kinesiology and Biomechanics in Sports
December	Psychology and Sports
January	Training and Doping in Sports

Economics

Statistics for Economics	
April	Economics: An Introduction
May	Meaning, scope and Importance of statistics
June	Collection of Data
July	Organisation of Data
August	Tabular Presentation
September	Diagrammatic Presentation and
October	Graphic Presentation and measure of central Tendency – Arithmetic mean
November	Measure of central Tendency – Median and mode
December	Measure of correction and Index Number
Micro Economics	
April	Introduction and Consumer's Equilibrium
May	Demand
June	Elasticity of Demand
July	Production Function
August	Cost and Revenue
September	Producer's equilibrium
October	Supply
November	Main Market forms
December	Price determination with simple Application

Business Studies

Part A: Foundation of Business	
May	Nature & purpose of Business
June	Forms of Business Organisation and Private Public and Global Enterprises
July	Business services and Emerging Modes of Business
August	Social Responsibilities of Business and Business Ethics

Part B: Finance and Trade

August
 September
 October
 November
 December and January

Source of Business Finance
 Small Business and Internal Trade
 International Business
 Project work
 Revision and Mock test

Accountancy**Part A: Financial Accounting**

May
 June
 July

 August

 September

Meaning, Objective, Scope and Nature of Accounting
 Basic Accounting Terms and Accounting Principles
 Bases of Accounting, Accounting Standards and Accounting equations
 Double entry system, Origin of Transaction: Source Documents of Accounting, Books of Original entry – journal and Accounting for GST
 Book of Original Entry – special purpose subsidiary book and Book of Original Entry – Cash Book

Part B: Financial Accounting II

October
 November

 December

 January

Ledger, Bank Reconciliation statement and Depreciation
 Trail Balance and Errors, Provisions and Reserves, Rectification of Errors, Capital and Reserves and Financial statements
 Financial statement (Adj) and Accounting from Incomplete Records
 Revision

History

May
 June
 July
 August
 September
 October
 November
 December to February

Writing and city life
 An Empire Across three continents
 Nomadic empires
 The Three Orders
 Changing cultural Traditions
 Displacing Indigenous People
 Paths to Modernisation
 Revision and Final Examination

Political Science**Book I: Indian Constitution At work**

May

 June

 July

 August

 September

Constitution: Why and How
 Right in the India constitution
 Election and Representation
 Executive
 Legislature
 Judiciary
 Federalism
 Local Governments
 Constitution as a Living document
 The Philosophy of constitution

Book II: Political theory

October
 November

Political Theory: An Introduction
 Freedom
 Equality

	Social Justice
	Right
December	Citizenship
	Nationalism
	Secularism
January and February	Revision and Final Examination
Physical Geography	Geography
May	Geography as a Discipline
June	The Origin and Evolution of the Earth
	Interior of the Earth
July	Distribution of Oceans and Continents
	Geomorphic Process
August	Landforms and their Evolution
	Composition and structure of Atmosphere
September	Solar radiation, Heat Balance and temperature
	Atmospheric circulation and weather system
October	World climate and climate change and water in the atmosphere
November	Water (Oceans)
	Movements of ocean water
	Biodiversity and conservation
Indian – Physical – Environment	
May	Indian – Location
May and June	Structure and Physiographic
July and August	Drainage system
September	Half Yearly Examination
September and October	Climatic
November	Natural Vegetation
December	Natural Hazards and Disasters
January	Revision and Test and Final Examination
	Mathematics
June	Sets and Function
June	Relations and Function
July	Trigonometric Function
July	Complex number and Quadratic equations
August	Linear Inequalities
August	Permutations and Combinations
September	Binomial Theorem
September	Sequence and Series
October	Straight Lines
October	Conic Section
November	Introduction to Three Dimensional Geometry and Probability
December	Limits and Derivatives
January	Statistics