

Somerville School

Vasundhara Enclave, Delhi – 110 096



Syllabus for Class XII

2018 – 2019

STATIONERY LIST (2018 - 2019)

SL. NO.	SUBJECT	ITEM	REQUIRED NO.	RATE
1	NOTE BOOKS	100 PAGES SINGLE LINED (A-4 SIZE)	10	35.00
2	PRACTICAL NOTEBOOK FOR PHYSICS	ITC'S CLASSMATE - 184 PAGES	1	90.00
3	PRACTICAL NOTEBOOK FOR CHEMISTRY	ITC'S CLASSMATE - 184 PAGES	1	90.00
4	PRACTICAL FILE FOR BIOLOGY	FILE WITH INTERLEAVED SHEETS	1	20.00
5	APPLIED ART	IVORY SHEETS (A-3 SIZE-25 SHEETS)	1 PKT	120.00
		CARTRIDGE SHEETS (HALF IMPERIAL SIZE)	1 PKT	108.00
		POSTER COLOUR SET (CAMLIN)	1	170.00
6	LABELS (OPTIONAL)			30.00
7	COVERS FOR NOTEBOOKS (OPTIONAL)			110.00
8	CARRY BAG (2 NOS.) OPTIONAL		2	8.00

SYLLABUS FOR THE YEAR 2018 - 2019

MONTH : MARCH

S.NO.	SUBJECTS	TOPIC/ CHAPTER
1.	ENGLISH	Course Book: Chapter 1: My Mother at Sixty-Six - Kamala Das (<i>Poem</i>) Chapter 2: Keeping Quiet - Pablo Neruda (<i>Poem</i>) Chapter 3: Aunt Jennifer's Tigers - Adrienne Rich (<i>Poem</i>) Supplementary Reader 1: Should Wizard Hit Mommy – John Updike (Short Story)
2.	MATHS	Chapter 3 : Matrices Chapter 4 : Determinants
3.	CHEMISTRY	Unit 10 : Haloalkanes and Haloarenes Unit 11 : Alcohols, Phenols and Ethers
4.	PHYSICS	Unit 1: Electrostatics
5.	BIOLOGY	Chapter 5: Principles Of Inheritance and Variation
6.	HISTORY	Theme 1 : Bricks, Beads and Bones (B1) Early Urban Centres Mohenjodaro Tracking Social Differences
7.	ECONOMICS	Unit 1: Introduction Unit 2: Consumer's Equilibrium and Demand, Indifference curve analysis
8.	POLITICAL SCIENCE	Chapter 1: Challenges of Nation Building (B1) Chapter 2: Era of One Party Dominance (B1) Chapter 3: Politics of Planned Development (B1)
9.	ACCOUNTANCY	Unit 1: Accounting for partnership firm (Fundamentals). Unit 2: Reconstitution of Partnership (Change in profit sharing ratio and valuation of goodwill)
10.	BUSINESS STUDIES	Unit 1: Nature and Significance of Management. Unit 2: Principles of management.
11.	PSYCHOLOGY	Chapter 1: Intelligence and Aptitude Chapter 2: Self and Personality
12.	PHYSICAL EDUCATION	Part 1- Unit 1 : Planning in Sports Unit 2: Sports and Nutrition Part 2: Practical and Rules and Regulation Football and Basket ball.
13.	COMPUTER SCIENCE	Chapter 11: Database Concepts Chapter 12: Structured query Language
14	APPLIED ART	Rajasthani School of miniature painting 1. Introduction to miniature painting. 2. Origin and development of the school 3. Study of the various subdivision of the school 4. In detail study of the artwork from each sub school along with work style of the artist.

MONTH : APRIL

S.NO.	SUBJECTS	TOPIC/ CHAPTER
1.	ENGLISH	Course Book Chapter 4: An Elementary School Classroom in a Slum - Stephen Spender(<i>Poem</i>) Chapter 5: A Thing of Beauty - John Keats (<i>Poem</i>) Supplementary Reader: 2. Memories of Childhood- Zitkala- Sa, Bama Writing Skill 1: Classified Advertisement Long Reading Text : The Invisible Man
2.	MATHS	Chapter 1: Relations and Functions Chapter 2: Inverse Trigonometric Functions
3.	CHEMISTRY	Unit 11: Alcohols, Phenols and Ethers Unit 12: Aldehydes, Ketones and Carboxylic Acids
4.	PHYSICS	Unit 1: Electrostatics (contd.) Unit 2: Current electricity
5.	BIOLOGY	Chapter 6 : Molecular Basis of Inheritance
6.	HISTORY	Theme 2 : Kings, Farmers and Towns (B1) The Earliest states Early Empire Notions of Kingship Theme 3 : Kingship, caste and Class (B1) Mahabharata and social order
7.	ECONOMICS	Unit 2 : Consumer's Equilibrium and Demand, Indifference curve analysis.(Contd.) Unit 6 : National income and Related Aggregates
8.	POLITICAL SCIENCE	Chapter 4 : India's External Relations (B1) Chapter 5 : Challenges to Restoration of the Congress System(B1) Chapter 6 : The Crisis of Democratic order (B1)
9.	ACCOUNTANCY	Unit 3 : Reconstitution of Partnership- Admission of partner, Retirement of partner
10.	BUSINESS STUDIES	Unit 3 : Business environment Unit 4 : Planning
11.	PSYCHOLOGY	Chapter 3 : Human Strengths and Meeting Life Challenges Practical : Introduction to Psychological Testing and Two Psychological Tests
12.	PHYSICAL EDUCATION	Unit 3 : Yoga and lifestyle Unit 4 : Physical Education and Sports for Differently -Able Practical and Rules and Regulation Volley Ball and Hand Ball.
13.	COMPUTER SCIENCE	Chapter 12 : Structured Query Language(contd.) Chapter 1 : C++ Revision Tour
14	APPLIED ART	Pahari School of miniature paintings in india <ol style="list-style-type: none"> 1. Introduction to Pahari miniature paintings 2. Origin and development of the school 3. Study of the various subdivision of the school 4. In detail study of the artwork from each sub school along with work style of artist.

MONTH : MAY

S.NO.	SUBJECTS	TOPIC/ CHAPTER
1.	ENGLISH	Course Book 6 : Deep Water - William Douglas Supplementary Reader 3 :The Tiger King- Kalki (Short Story) Long Reading Text : The Invisible Man Writing Skills: 1. Classified Advertisement (contd.) HOLIDAY HOMEWORK: Collect and paste classified advertisement on 6 topics. Draft the following: 1. Display Advertisements for a product and a service. 2. One poster each on an issue and an event. 3. Read the novel, 'The Invisible Man'.
2.	MATHS	Chapter 5: Continuity and Differentiability H.H.W – Assignment based on Ch-1 to ch-5 from last three year question papers.
3.	CHEMISTRY	Unit 13: Organic Compounds Containing Nitrogen Unit 14: Biomolecules Unit 1: The Solid state
4.	PHYSICS	Unit 6 : Optics H.H.W Worksheet on Optics
5.	BIOLOGY	Chapter 7: Evolution Chapter 1: Reproduction in Organisms
6.	HISTORY	Theme 4: Thinkers ,Beliefs and Buildings (B1) Beliefs of Buddhism and Jainism
7.	ECONOMICS	Unit 6: National income and Related Aggregates (Contd.)
8.	POLITICAL SCIENCE	Chapter 1: Cold War Era in World Politics (B2) Chapter 2: End of Bipolarity (B2)
9.	ACCOUNTANCY	Unit 3: Reconstitution of Partnership - Death of a partner, Dissolution of partnership firm.
10.	BUSINESS STUDIES	Unit 5: Organising Unit 6: Staffing HOLIDAY HOMEWORK – Comprehensive project based on CBSE guidelines.
11.	PSYCHOLOGY	Chapter 4: Psychological Disorders Chapter 5: Therapeutic Approaches and Counselling
12.	PHYSICAL EDUCATION	Part – 1 Unit 5: Children and Sports Unit 6: Women and Sports Part - 2 : Practical and Rules and Regulation Hockey and kho- kho
13.	COMPUTER SCIENCE	Chapter 14: Communication And Network Concepts HOLIDAY HOMEWORK: Prepare flow diagram for project Read blogs/news related to cyber laws and IT Act 2008 Revise Chapter: 11,12,14 for Prep I Read Chapters : 1,2,3
14	APPLIED ART	Mughal School of Miniature paintings in India 1.Introduction to Mughal miniature paintings 2.Origin and development of the school 3.Study of the Various subdivision of the school 4.In detail study of the artwork from each sub school along with work style of the artist.

MONTH : JULY

S.NO.	SUBJECTS	TOPIC/ CHAPTER
1.	ENGLISH	Preparatory Examination -1 Course Book Chapter 7: The Last Lesson - Alphonse Daudet (Short Story) Chapter 8: The Rat Trap - Selma Lagerlof (Short Story) Chapter 9: Going Places - A.R. Barton (Short Story) Writing Skills: 2. Invitation (Formal/ Informal/ Replies)
2.	MATHS	Chapter 6: Application of Derivatives Chapter 7: Integrals
3.	CHEMISTRY	Unit 2: Solutions Unit 3: Electrochemistry
4.	PHYSICS	Unit 3: Magnetic effects of current and magnetism Unit 4: Electromagnetic induction and AC circuits
5.	BIOLOGY	Chapter 2: Sexual Reproduction in Flowering Plants Chapter 3: Human Reproduction
6.	HISTORY	PREPARATORY TEST 1 Theme 5 : Through the Eyes of Travellers (B2) Detail study of AL-Biruni, Bernier and IbnBattuta Theme 6 : Bhakti and Sufi Traditions (B2) Religious Development and the ideas and practices of Bhakti Sufi Saints Theme 7 : An Imperial Capital : Vijaynagara (B2) Rise of the empire Hampi Architecture
7.	ECONOMICS	Unit 3: Producer Behaviour and Supply
8.	POLITICAL SCIENCE	PREPARATORY TEST-I Chapter 3: US Hegemony in World Politics (B2) Chapter 4: Alternative Centers of power (B2)
9.	ACCOUNTANCY	Unit 4: Accounting for share capital Unit 5: Issue of debentures
10.	BUSINESS STUDIES	Unit 7: Directing. Unit 8: Controlling
11.	PSYCHOLOGY	Chapter 6: Attitude and Social Cognition Chapter 7: Social Influence and Group Processes
12.	PHYSICAL EDUCATION	Unit 7: Test and Measurement in sports Unit 8: Physiology and sports Practical: sports terminologies and important tournament.
13.	COMPUTER SCIENCE	Chapter 13: Boolean Algebra Chapter 2: Object Oriented Programming Chapter 3: Function Overloading
14	APPLIED ART	Deccan school of miniature painting in India 1.Introduction to Deccan Miniature paintings 2.Origin and development of the school 3.Study of the various subdivision of the school 4.In detail study of the artwork from each sub school along with work style of the artist.

MONTH : AUGUST

S.NO.	SUBJECTS	TOPIC/ CHAPTER
1.	ENGLISH	Course Book: Chapter 10 : Lost Spring – Anees Jung Supplementary Reader4 : On the Face of it- Susan Hill Long Reading Text : The Invisible Man
2.	MATHS	Chapter 8 : Application of Integrals Chapter 9 : Differential Equations
3.	CHEMISTRY	Unit 4 : Chemical Kinetics Unit 5 : Surface Chemistry
4.	PHYSICS	Unit 5 : Electromagnetic Waves Unit 7 : Dual nature of matter and radiation
5.	BIOLOGY	Chapter 4 : Reproductive Health Chapter 8 : Human Health Chapter 9 : Strategies For Enhancement In Food Production
6.	HISTORY	Theme 8 : Peasants, Zamindars and The State (B2) Agrarian System of Mughal Empire Theme 9 : Kings and Chronicles (B2) The Mughal Courts and Politics Practices adopted by the rulers Theme 10 : Colonialism and the Countryside (B3) Life of Zamindars, Peasants and artisans in the late 18 th Century Revenue Settlements and Surveys Changes in the 19 th Century
7.	ECONOMICS	Unit 4 : Forms of Market and Price determination Unit 7 : Money and Banking
8.	POLITICAL SCIENCE	Chapter 5 : Contemporary South Asia (B2) Chapter 6 : International Organisations (B2) Chapter7 : Security in Contemporary World (B2)
9.	ACCOUNTANCY	Unit 6 : Redemption of Debentures. Unit 7 : Financial Statements of company.
10.	BUSINESS STUDIES	Unit 9 : Financial Management Unit 10 : Financial Markets
11.	PSYCHOLOGY	Chapter 8 : Environmental and Social Concerns Practical - Two Psychological Test
12.	PHYSICAL EDUCATION	Part 1 Unit 9 : Sports Medicine Revision for half yearly exam.
13.	COMPUTER SCIENCE	Chapter 4 : Classes And Objects Chapter 5 : Constructors And Destructors Chapter 6 : Inheritance -Extending Classes
14	APPLIED ART	Chapter 9 : Contemporary art in India Chapter 10 : Poster making in color

MONTH : SEPTEMBER - Revision & Mid Term Examination

MONTH : OCTOBER

S.NO.	SUBJECTS	TOPIC/ CHAPTER
1.	ENGLISH	Course Book: Chapter 11: Indigo - Louis Fischer Supplementary Reader 5: The Enemy-Pearl S. Buck Long Reading Text : The Invisible Man
2.	MATHS	Chapter 10 : Vector Algebra Chapter 11 : Three – Dimensional Geometry
3.	CHEMISTRY	Unit 6 : General Principles And Processes Of Isolation Of Elements Unit 7: p- Block Elements
4.	PHYSICS	Unit 9 : Electronic devices
5.	BIOLOGY	Chapter 10 : Microbes in Human Welfare Chapter 11 : Biotechnology : Principles and Processes Chapter 12 : Biotechnology and its Applications
6.	HISTORY	Theme11- Rebels and the Raj(B3) The events of 1857-58 Culminating to the revolt Sources of the events of 1857 National Image of the event. Theme 12 - Colonial Cities (B3) Urbanisation, Planning and Architecture
7.	ECONOMICS	Unit 8: Determination of Income and Employment
8.	POLITICAL SCIENCE	Chapter 8 : Environment and Natural Resources (B2) Chapter 9 : Globalisation (B2) Chapter 7 : Rise of Popular Movements(B1)
9.	ACCOUNTANCY	Unit 8 : Ratio Analysis Unit 10 : Cash Flow Statement
10.	BUSINESS STUDIES	Unit 11: Marketing Management
11.	PSYCHOLOGY	Chapter 9 : Applied Psychology Practical - One Psychological Test and Case Study
12.	PHYSICAL EDUCATION	Unit 10 : Kinesiology Biomechanics and Sports Physical fitness. AAHPAR test
13.	COMPUTER SCIENCE	Chapter 7 : Data File Handling Chapter 8 : Pointers
14	APPLIED ART	Modern trends in Indian Art 1. Introduction to modern paintings 2. Origin and development of art trends post Independence 3. Study of the various European influences on Indian Art artist 4. In detail study of the artworks along with work style of the artist

MONTH : NOVEMBER

S.NO.	SUBJECTS	TOPIC / CHAPTER
1.	ENGLISH	Supplementary Reader: Chapter 6 : Evans Tries an O Level – Colin Dexter Long Reading Text : The Invisible Man Revision Writing Skills: 1. Business Letters 2. Job Application 3. Report
2.	MATHS	Chapter 12 : Linear Programming Problems Chapter 13 : Probability Revision
3.	CHEMISTRY	Unit 8 : The d and f -Block Elements Unit 9 : Coordination Compounds
4.	PHYSICS	Unit 8 : Atoms and Nuclei
5.	BIOLOGY	Chapter 13 : Organisms And Population Chapter 14 : Ecosystem Chapter 15: Biodiversity And Its Conservation
6.	HISTORY	Theme 13 : Mahatma Gandhi and the Nationalist Movement (B3) Non-Cooperation Movement Civil Disobedience Movement Quit India Gandhi as Mahatma Theme 14: Understanding Partition(B3) Political Cause Memories of Partition Experiences of People Theme 15: Framing the Constitution(B3) Features of the Constitution
7.	ECONOMICS	Unit 9 : Government Budget and the Economy Unit 10 : Balance of Payments
8.	POLITICAL SCIENCE	Chapter 8 : Regional Aspirations(B1) Chapter 9 : Recent Developments in Indian Politics (B1)
9.	ACCOUNTANCY	Unit 9 : Comparative Statement
10.	BUSINESS STUDIES	Unit 12 : Consumer Protection Act
11.	PSYCHOLOGY	Revision for First Pre-Board Examination
12.	PHYSICAL EDUCATION	Unit 1: Psychology and Sports Athletics Draw a neat diagram Athletic track and field
13.	COMPUTER SCIENCE	Chapter 9 : Arrays Chapter 10 : Linked Lists ,Stacks and Queues Submission of Project in C++ with project file Revision for Exams
14	APPLIED ART	Modern trends in India Art 1. Introduction to modern sculpture and print making techniques in India. 2. Study of different contemporary sculptor and print makers in India. 3. Detail study of artworks of each artist.

MONTH : DECEMBER

S.NO.	SUBJECTS	TOPIC / CHAPTER
1.	ENGLISH	Revision Preparatory Examination -2
2.	MATHS	Revision
3.	CHEMISTRY	Revision Unit 15 : Polymers Unit 16 : Chemistry In Everyday Life Project Submission
4.	PHYSICS	Revision Unit 10 : Communication System
5.	BIOLOGY	Revision Chapter 16 : Environmental Issues
6.	HISTORY	Preparatory Examination -2 Revision for Pre-Board Examination
7.	ECONOMICS	Revision
8.	POLITICAL SCIENCE	Revision Preparatory Examination -2 Revision for Pre-Board Examination
9.	ACCOUNTANCY	Revision for Pre-Board Examination
10.	BUSINESS STUDIES	Revision
11.	PSYCHOLOGY	Revision for Pre-Board Examination
12.	PHYSICAL EDUCATION	Unit 12: Training in Sports Pre-board Revision and Practical. Part 2 - Record file The event being opted must be other than from those administrative under physical fitness test.
13.	COMPUTER SCIENCE	Revision For Pre-Board Exams.
14	APPLIED ART	Revision and Mock Test

MONTH : JANUARY

S. NO.	SUBJECTS	TOPIC / CHAPTER
1.	ENGLISH	Revision Pre-Board Examination
2.	MATHS	Revision Pre-Board Examination
3.	CHEMISTRY	Revision Pre-Board Examination
4.	PHYSICS	Revision Pre-Board Examination
5.	BIOLOGY	Revision Pre-Board Examination
6.	HISTORY	Revision Pre-Board Examination
7.	ECONOMICS	Revision Pre-Board Examination
8.	POLITICAL SCIENCE	Revision Pre-Board Examination
9.	ACCOUNTANCY	Revision Pre-Board Examination
10.	BUSINESS STUDIES	Revision Pre-Board Examination
11.	PSYCHOLOGY	Revision Second Pre-Board Examination
12.	PHYSICAL EDUCATION	Revision Pre-Board Examination
13.	COMPUTER SCIENCE	Revision Pre-Board Examination
14.	APPLIED ART	Revision Pre-Board Examination