

SOMERVILLE SCHOOL, NOIDA
CLASS XI SYLLABUS (TERM 1)
2021-22

ENGLISH

SECTION	CHAPTERS/TOPICS
A	Reading Comprehension: <ul style="list-style-type: none"> Unseen passage (factual, descriptive or literary/ discursive or persuasive) Case Based Unseen (Factual) Passage
B	Creative Writing Skills and Grammar: Short Writing Tasks <ul style="list-style-type: none"> Notice Writing Long Writing Tasks <ul style="list-style-type: none"> Business or Official Letters <ol style="list-style-type: none"> Letter of Enquiry and response Letter of Complaint Letter of Placing orders Speech Grammar <ul style="list-style-type: none"> Determiners Tenses Re-ordering of Sentences {MCQs on Gap filling/ Transformation of Sentences}
C	Literature: Literary-prose/poetry extracts (seen- texts) comprehension and appreciation. (Two Extracts) Questions Based on Texts to assess comprehension and appreciation, analysis, inference, extrapolation Book-Hornbill: (Prose) <ul style="list-style-type: none"> The Portrait of a Lady "We're Not Afraid to Die... if We Can All Be Together" (Prose) Discovering Tut: the Saga Continues Landscape of the Soul (Prose) (Poem) <ul style="list-style-type: none"> A Photograph The Laburnum Top Book-Snapshots: <ul style="list-style-type: none"> The Summer of the Beautiful White Horse(Prose) The Address (Prose) Ranga's Marriage (Prose)

MATHEMATICS

S.NO.	NAME OF THE CHAPTER
1	SETS
2	RELATIONS AND FUNCTIONS
3	COMPLEX NUMBERS AND QUADRATIC EQUATIONS
4	SEQUENCES AND SERIES
5	STRAIGHT LINES
6	LIMITS
7	STATISTICS

PHYSICS

Chapter No	Chapter Name
1	Physical world
2	Units and Measurements
3	Motion in a straight line
4	Motion in a plane
5	Laws of Motion
6	Work, Energy and Power
7	System of Particles and Rotational Motion (Centre of mass)
8	Gravitation

CHEMISTRY

S.NO.	NAME OF THE CHAPTERS
1.	SOME BASIC CONCEPTS OF CHEMISTRY
2.	STRUCTURE OF ATOM
3.	CLASSIFICATION OF ELEMENTS & PERIODICITY IN PROPERTIES
4.	CHEMICAL BONDING AND MOLECULAR STRUCTURE
5.	REDOX REACTIONS
6.	HYDROGEN
7.	ORGANIC CHEMISTRY:SOME BASIC PRINCIPLES AND TECHNIQUES

BIOLOGY

CHAPTER No.	NAME OF THE CHAPTER
1	The Living World
2	Biological Classification
3	Plant Kingdom
4	Animal Kingdom
5	Morphology of Flowering Plants
7	Structural Organization in Animals
8	Cell-The Unit of Life
9	Biomolecules

COMPUTER SCIENCE

Theory Syllabus

1. Computer System Organization
2. Data Representation and Boolean Logic
3. Computational Thinking and Getting started with Python
4. Python Programming Fundamentals
5. Conditional and Looping Constructs

6. Strings in Python

Practical Syllabus

Total Marks=15

1. Python Program (6 marks)
2. File with minimum 10 Python programs based on Term-I syllabus (4 marks)
3. Viva voce (2 marks)
4. Project + Viva voce (3 marks)
Term – 1 : Synopsis of the project to be submitted by the students (documentation only)

BUSINESS STUDIES

CHAPTER NO.	CLASS XI
1	Nature and Purpose of Business
2	Forms of Business Organisations
3	Private, Public and Global Enterprises
4	Business Services
5	Emerging Modes of Business
6	Social Responsibility of Business and Business Ethics

ACCOUNTANCY

CHAPTER NO.	CLASS XI
1	Introduction to Accounting
2	Basic Accounting Terms
3	Theory Base of Accounting, Accounting Standards & Indian Accounting Standards(Ind-As)
4	Bases of Accounting
5	Accounting Equation
6	Accounting Procedures- Rules Of Debit and Credit
7	Origin of Transactions-Source Documents & Preparation Of Vouchers
8	Journal
9	Ledger
10	Special Purpose Books I-Cash Book
11	Special Purpose Books II-Other Books
12	Accounting of Goods & Service Tax (GST)
13	Bank Reconciliation Statement
15	Depreciation
16	Provisions and Reserves

ECONOMICS

Part A: Statistics for Economics

Unit 1: Introduction

Unit 2: Collection, Organisation and Presentation of data

Unit 3: Statistical Tools and Interpretation

Measures of Central Tendency- Arithmetic mean, median and mode

Part B: Introductory Microeconomics

Unit 4: Introduction

Unit 5: Consumer's Equilibrium and Demand

POLITICAL SCIENCE

UNITS	CONTENTS
	PART A: INDIAN CONSTITUTION AT WORK
1.	CONSTITUTION: THE PHILOSOPHY AND MAKING OF THE CONSTITUTION, FUNDAMENTAL RIGHTS AND DUTIES, DIRECTIVE PRINCIPLES OF STATE POLICY, CONSTITUTIONAL AMENDMENTS, CBSE NOTES
2.	ELECTION AND REPRESENTATION, CBSE NOTES
3.	LOCAL GOVERNMENT
	PART B: POLITICAL THEORY
4.	POLITICAL THEORY: AN INTRODUCTION
5.	RIGHTS, CBSE NOTES
6.	DEVELOPMENT, CBSE NOTES

HISTORY

THEME 2 – WRITING AND CITY LIFE

THEME 3 – AN EMPIRE ACROSS THREE CONTINENTS

THEME 4 – CENTRAL ISLAMIC LANDS

THEME 6 – THE THREE ORDERS

GEOGRAPHY

THEORY-70MARKS

BOOK-1-PHYSICAL GEOGRAPHY OF INDIA

CH-1-GEOGRAPHY AS A DISCIPLINE

CH-2-THE ORIGIN AND EVOLUTION OF THE EARTH

CH-3- INTERIOR OF THE EARTH

CH-4- DISTRIBUTION OF THE OCEANS AND CONTINENTS

CH-5- MINERALS AND ROCKS

*(DIAGRAMS AND MAP WORK OF CONCERNED CHAPTERS INCLUDED)

BOOK-2-INDIA-PHYSICAL ENVIRONMENT

CHAPTER-1-INDIA-LOCATION

CHAPTER-3-DRAINAGE SYSTEM
MAP WORK INCLUDED

PRACTICAL-(30MARKS)

TOPICS DONE IN CLASS TO BE DONE IN FILE AS INSTRUCTED

FINE ARTS

Theory: Term-I (15 Marks)

- 1 Pre-Historic Rock-Paintings and Art of Indus Valley -8 marks
- 2.Buddhist, Jain and Hindu Art -7 marks

(PRACTICAL)

Term-I

35 Marks

Drawing -25 Marks

(Drawing from Still-Life and Nature, medium-pencil monochrome/colour.)

Portfolio Assessment (10 Marks)

1. Record of entire Term performance from sketch to finished product- 5 Marks
2. Two selected drawings in any media done during .2 ½ marks
3. One selected works in chosen subject done during the year. (1 Mark)
4. One selected works based on Indian Folk Art – 1 1/2 marks

PSYCHOLOGY

Unit 1: What is Psychology?

Unit 2: Methods of Enquiry in Psychology

Unit 3: The Bases of Human Behaviour

PHYSICAL EDUCATION

UNIT I : CHANGING TRENDS & CAREER IN PHYSICAL EDUCATION

- Meaning & Definition of Physical Education
- Aims & Objectives of Physical Education
- Career Option in Physical Education
- Competition in Various Sports at National and International Level
- Khelo-India Program

UNIT II : OLYMPIC VALUE EDUCATION

- Olympics, Paralympics and special Olympic
- Olympic Symbols Ideals, Objectives & values of Olympism
- International Olympic Committee
- Indian Olympic Association

UNIT III : PHYSICAL FITNESS WELLNESS & LIFESTYLE

- Meaning & Importance of Physical Fitness and Wellness & Lifestyle
- Components of Physical Fitness and Wellness
- Components of Health Related Fitness

UNIT IV : PHYSICAL EDUCATION & SPORTS FOR CWSN (CHILDREN WITH SPECIAL NEEDS- DIVYANG)

- Aims & Objectives of Adaptive Physical Education
- Organization Promoting Adapting sports (Special Olympics Bharat; Paralympics; Deaflympics)
- Concept of Inclusion, Its Need and Implementation
- Role of Various Professionals for Children With special Need (counselor, Occupational Therapist, Physiotherapist, Physical Education Teacher, Speech Therapist & Special Educator)

UNIT V : YOGA

- Meaning & Importance of Yoga
- Elements of Yoga
- Introduction-Asanas, Pranayam , Meditation & Yogic Kriyas
- Yoga for Concentration & Related Asanas (sukhasana; Tadasana; Padmasana & Shashankasana , Naukasana, vrikshasana (Tree pose), Garudasana (Eagle Pose)
- Relaxation Techniques for Improving Concentration–Yog-nidra

