

TERM 1 AND TERM 2 SYLLABUS

CLASS XI

2017-18

For detailed syllabus refer to

www.cbse.nic.in

SUBJECT	CHAPTERS (TERM 1)	CHAPTERS (TERM 2)
ENGLISH CORE	<ul style="list-style-type: none"> • The Portrait of a Lady • We're not afraid to die • Discovering Tut • A Photograph • The Voice of the Rain • The Summer of the Beautiful White Horse • The Address • Albert Einstein at School • Mother's Day • The Canterville Ghost – Chapters 1,2, 3 • Comprehension • Note making • Advertisement • Notice • Poster making • Article and Report • Letters to the Editor • Grammar- Error Correction, Re-ordering of sentences and Transformation of sentences <u>Unit Test I:</u> • Comprehension • Notice • Article and Report • Grammar • The Portrait of a Lady • We're not afraid to die • The Summer of the Beautiful White Horse • A Photograph • The Canterville Ghost – Chapter 1 	<ul style="list-style-type: none"> • The Browning Version • Childhood • Father to Son • Birth • The Tale of Melon city • The Canterville Ghost- Chapters 4,5,6, 7 • Business Letters • Letter of Job Application • Invitation • Entire syllabus of Term 1 and Term 2 will be included in the Finals. <u>Unit Test II:</u> • Comprehension • Note Making • Notice • Poster • Advertisement • Article and Report • Grammar • Childhood • Father to Son • Mother's Day • Albert Einstein at School • The Canterville Ghost – Chapters 1 to 4

ENGLISH ELECTIVE	<ul style="list-style-type: none"> • The Lament • A Pair of Mustachios • The Rocking – horse Winner • Pappachi’s Moth • The Peacock • Let me not to the marriage of True Minds • Telephone Conversation • The World is too Much with us • My Three Passions • What is a Good Book • Arms & the Man • Comprehension. • Essay,Report,Article,Speech. • Unit Test I: • A Pair of Mustachios • The Lament • Let me not to the marriage of True Minds • The World is too Much with us • My Three Passions • Comprehension ,Grammar, Speech writing ,article and debate writing 	<ul style="list-style-type: none"> • The Third and Final Continent • Glory at Twilight • The Luncheon • Hawk Roosting • Refugee Blues • Ode to a Nightingale • Bridges • The Old Man & The Sea • Entire syllabus of Term I and Term II will be included in the Finals. <p>Unit Test II:</p> <ul style="list-style-type: none"> • The Third and Final Continent • The Luncheon • Hawk Roosting • Refugee Blues • Comprehension ,Grammar, Speech writing ,article and debate writing
HINDI	<ul style="list-style-type: none"> • Gadya – 1-6 • Kavya – 1 – 6 • Vitan – 1st Chapter • Apathit gadyansh aur kavyansh • Nibandh • Patra • Report • Feature • Abhivyakti aur madhyam se sankshipt prashn. • Unit- Test -1 • Namak ka daroga, Kabeer ke pad , Apathit gadyaansh , kaavyaansh ,patr . 	<ul style="list-style-type: none"> • Gadya – 7 – 10 • Kavya – 7 – 10 • Vitan – chapter 2 • Apathit gadyansh aur kavyansh • Nibandh • Patra • Report • Feature • Abhivyakti aur madhyam se sankshipt prashn and Term I syllabus. • Unit Test – II • Vidaai sambhashan , Galta loha , We aankhen , Pathik , Apathit gadyaansh , kaavyansh , Feature , Abhivyakti aur maadhyam se sankshipt prashn.
BENGALI	<p>SECTION-A</p> <ul style="list-style-type: none"> • Bodh Porikkhon <p>SECTION-B</p> <ul style="list-style-type: none"> • Bakyer Rupantor 	<p>SECTION-A</p> <ul style="list-style-type: none"> • Bodh Porikkhon <p>SECTION-B</p> <ul style="list-style-type: none"> • Bakyer Rupantor • Karok

	<ul style="list-style-type: none"> • Karok • Bangla shobdobhandar <li style="padding-left: 20px;"><u>SECTION-C</u> • Protibedan • Bhabsamprosan • Sarangsho <li style="padding-left: 20px;"><u>SECTION-D</u> • Telenapota abishkar • Dakater maa • Barir kache aarshinogor • Dwipantorer bondini • Bishal danaowala thurthure buro • Shikkhar circus <li style="padding-left: 20px;">Unit- Test -1 <li style="padding-left: 40px;">Bodh Porikkhon <li style="padding-left: 40px;">Karak <li style="padding-left: 40px;">Bangla shobdobhandar <li style="padding-left: 40px;">Dakater Maa • Barir kache aarshinogor 	<ul style="list-style-type: none"> • Bangla shobdobhandar <li style="padding-left: 20px;"><u>SECTION-C</u> • Protibedan • Bhabsamprosan • Sarangsho <li style="padding-left: 20px;"><u>SECTION-D</u> • Galiliyo • Bishal danawala thurthure buro • Sikshar circus • Guru • Telenapota abishkar • Dakater maa • Noon • Barir kache aarshinogor • Dwipantorer bondini <li style="padding-left: 20px;">Unit- Test -2 <li style="padding-left: 40px;">Bodh Porikkhon <li style="padding-left: 40px;">Karak <li style="padding-left: 40px;">Bakyer Rupantor <li style="padding-left: 40px;">Protibedan <li style="padding-left: 40px;">Bhabsamprosan <li style="padding-left: 40px;">Telenapota abishkar <li style="padding-left: 40px;">Dwipantorer bondini
<p>MATHEMATICS</p>	<ul style="list-style-type: none"> • Trigonometric Functions and Trigonometric Equations. • Complex Numbers • Quadratic Equations • Straight Lines • Sequence & Series • Linear inequalities • Permutation and Combination • Mathematical Induction • Binomial Theorem • Probability • Conic Sections • 3D Geometry • Sets <li style="padding-left: 20px;">Unit- Test -1 • Complex Numbers • Quadratic Equations • Trigonometric Functions and Trigonometric Equations. • Sequence & Series • Mathematical Induction 	<ul style="list-style-type: none"> • Relations, functions • Limits • Inverse Trigonometric Functions • Mathematical Reasoning • Matrices And Determinants • Binary Operation. • Differentiations. <li style="padding-left: 20px;">Unit- Test -2 • Relations, functions • Limits • Sets • 3D Geometry • Inverse Trigonometric Functions <li style="padding-left: 20px;">TERM -2 EXAM: ENTIRE SYLLABUS of Term 1 and 2.

	<p>Term – I Exam : All topics covered in Term 1</p>	
PHYSICS	<ul style="list-style-type: none"> • Measurements • Kinematics • Laws of Motion • Work, Power, Energy • Gravitation (Half Chapter – up to variation of ‘g’ with altitude and depth) <p>Unit-Test -1</p> <ul style="list-style-type: none"> • Measurements – Units and Measurements • Kinematics – Motion in a Straight line and Motion in a Plane <p>Term – I Exam : All topics covered in Term 1</p>	<ul style="list-style-type: none"> • Gravitation (Rest of the Chapter done in Term 2) • Motion of system of particles and rigid body • Properties of bulk matter • Thermodynamics • Behavior of perfect gases and Kinetic Theory • Oscillation and Waves • Chapters done in the first term. <p>Unit- Test – 2</p> <ul style="list-style-type: none"> • Gravitation • Motion of system of particles and rigid body <p>TERM -2 EXAM: ENTIRE SYLLABUS of Term 1 and 2.</p>
CHEMISTRY	<ul style="list-style-type: none"> • Some Basic Concepts of Chemistry • Structure of Atom • Classification of elements and periodicity in properties • Chemical Bonding & Molecular Structure • States of Matter • Chemical Thermodynamics • Equilibrium <p>Unit test -1</p> <ul style="list-style-type: none"> • Some Basic Concepts of Chemistry • Structure of Atom 	<ul style="list-style-type: none"> • Redox Reactions • Hydrogen • S-block elements • P-block elements • Organic Chemistry – Principles & Techniques • Hydrocarbons • Environmental Chemistry <p>Unit test -2</p> <ul style="list-style-type: none"> • Redox Reactions • Hydrogen • S-block elements
BIOLOGY	<ul style="list-style-type: none"> • Unit I: Diversity in the Living World • Unit II: Structural Organization in Plants and Animals • Unit III: Cell: Structure & Functions-till cell : The unit of life and Biomolecules (Protein,Carbohydrate,Lipid) <p>Unit test -1</p> <p>Unit 1: Diversity in the living world Chapter 1: The Living World. Chapter 2:Biological Classification</p>	<ul style="list-style-type: none"> • Unit I,II, And III • Unit IV: Plant physiology • Unit V: Human physiology <p>Unit test -2</p> <p>Unit 3:Cell structure and functions Chapter 9 : Biomolecules (From-Nucleic Acids to Co-Factors) Chapter 10 :Cell Cycle and Cell division</p>

COMPUTER SC.	<ul style="list-style-type: none"> • Getting started with C++ • Data types ,variables and constant • Operators & Expressions in C++ • Flow of Control • Introduction to User defined functions and its requirement • Inbuilt functions • Structured data type: Array <p>Unit test -1</p> <ul style="list-style-type: none"> • Getting started with C++ • Data types ,variables and constant • Operators & Expressions in C++ • Flow of Control • Structured data type: Array 	<ul style="list-style-type: none"> • Structures • Programming methodology • Computer Fundamentals • Data representation • Input, Output and Memory devices. • General OOP concepts • Chapters done in the first term. <p>Unit test -2</p> <ul style="list-style-type: none"> • Introduction to User defined functions and its requirement • Inbuilt functions • Structures
ECONOMICS	<ul style="list-style-type: none"> • Introduction • Collection and organization of data • Presentation of data – Tabular, diagrammatic • Measures of central tendency – Mean, Median • Indian economy on the eve of independence • Goals of India’s development plan • Agriculture, industry and foreign trade • Economic Reforms since 1991 -- Liberalisation <p>Unit 1- Collection of data, A brief introduction of the state of Indian economy on the eve of independence.</p>	<ul style="list-style-type: none"> • Measures of Central tendency-- Mode • Positional average & Partition values • Measures of dispersion • Index numbers • Project work on Consumer awareness. • Problem of poverty • Rural development • Human capital formation • Employment • Infrastructure • Environment and sustainable development • Comparative development experiences of India and its neighbours . • Project • Term I syllabus. <p>Unit 2- Measures of Central Tendency, Measures of dispersion (range), Economic Reforms, Poverty.</p>
ACCOUNTS	<ul style="list-style-type: none"> • Introduction to Accounting • Theory Base of Accounting • Recording of Transactions • Bank Reconciliation statements • Ledger & Trial Balance • Depreciation • Bill of Exchange <p>Unit Test I:</p>	<ul style="list-style-type: none"> • Rectification of Errors • Financial statements of sole Proprietorship • Provisions & Reserves • Financial statements of Not-for-Profit Organisation • Incomplete Records • Computers in Accounting

	<ul style="list-style-type: none"> • Introduction to Accounting • Recording of Transactions • Ledger 	<p>And</p> <ul style="list-style-type: none"> • Term I Syllabus. <p><u>Unit Test II:</u></p> <ul style="list-style-type: none"> • Financial statements of sole Proprietorship • Bill of Exchange • Rectification of Errors • Depreciation • Bank Reconciliation statements
BUSINESS STUDIES	<ul style="list-style-type: none"> • Nature & Purpose of Business • Forms of Business Organisation • Private, Public & Global enterprises • Business Services • Emerging mode of business <p><u>Unit Test I:</u></p> <ul style="list-style-type: none"> • Nature & Purpose of Business • Forms of Business Organisation • Private, Public & Global enterprises 	<ul style="list-style-type: none"> • Social responsibility of business And Business Ethics • Sources of Business Finance • Small Business • Internal Trade • International business <p>TERM -2 EXAM: ENTIRE SYLLABUS of Term 1 and 2.</p> <p><u>Unit Test II:</u></p> <ul style="list-style-type: none"> • Social responsibility of business And Business Ethics • Sources of Business Finance • Business Services
ENTREPRENEURSHIP	<ul style="list-style-type: none"> • Entrepreneurship : What,Why and How. • An Entrepreneur. • Entrepreneurial Journey. • Entrepreneurship as Innovation and problem solving. <p><u>Unit Test I:</u></p> <ul style="list-style-type: none"> • Entrepreneurship : What,Why and How. • An Entrepreneur. 	<ul style="list-style-type: none"> • Understanding the market. • Business Arithmetic • Resource mobilization. • And Entire Syllabus of Term I <p><u>Unit Test II:</u></p> <ul style="list-style-type: none"> • Entrepreneurial Journey. • Entrepreneurship as Innovation and problem solving. • Understanding the market. • Business Arithmetic
FOUNDATION OF FINANCIAL MARKET	<ul style="list-style-type: none"> • Introduction to banking and financial markets • Primary and secondary markets • Investment Analysis and risk management. <p><u>Unit test I</u></p> <ul style="list-style-type: none"> • Introduction to banking and financial markets • Primary and secondary markets 	<ul style="list-style-type: none"> • Banking products and services • Investment and relationship banking • Evolving trends in modern banking • and term 1 <p><u>Unit test II</u></p> <ul style="list-style-type: none"> • Primary and secondary markets • Investment Analysis and risk management. • Investment and relationship banking.

<p style="text-align: center;">GEOGRAPHY</p>	<p><u>Term-I</u></p> <ul style="list-style-type: none"> • Fundamentals of physical geography – Chapter 1 to 12. • Practical – Chapter 1 to 4 <p><u>Unit Test –I</u></p> <p><u>Fundamentals of Physical Geography</u></p> <ul style="list-style-type: none"> • Chapter-1: Geography as a Discipline • Chapter-2: The Origin and Evolution of the Earth • Chapter -3: Distribution of Oceans and Continents • Chapter-4: Minerals and Rocks 	<p><u>Term-II</u></p> <ul style="list-style-type: none"> • Full Term 1 syllabus • Fundamentals of physical geography – Chapter 13 to 16. • Practical – Chapter 2 to 8 • India – Physical Environment : Chapter 1 to 7 <p><u>Unit-II</u></p> <p><u>Fundamentals of Physical Geography</u></p> <ul style="list-style-type: none"> • Chapter -13: Water (Oceans) • Chapter-14: Movements of Ocean Water • Chapter-13: Life on Earth • Chapter-14: Biodiversity and Conservation
<p style="text-align: center;">HISTORY</p>	<p>SECTION I : EARLY SOCIETIES</p> <ul style="list-style-type: none"> • Theme 1- From the Beginning of Time • Theme 2- Writing and City Life <p>SECTION II: EMPIRES</p> <ul style="list-style-type: none"> • Theme 3: An Empire Across Three Continents • Theme 4: The Central Islamic Lands • Theme 5: Nomadic Empires • Map and project work <p><u>Unit Test I:</u></p> <ol style="list-style-type: none"> 1. Theme 2- Writing and City Life 2. Theme 3- An Empire Across Three Continents 	<ul style="list-style-type: none"> • SECTION III: CHANGING TRADITIONS • Theme 6: The Three Orders • Theme 7: Changing Cultural Traditions • Theme 8: Confrontation of Cultures • SECTION IV: TOWARDS MODERNISATION • Theme 9: The Industrial Revolution • Theme 10: Displacing Indigenous Peoples • Theme 11: Paths to Modernisation • Map and project work <p><u>Unit Test II:</u></p> <ol style="list-style-type: none"> 1. Theme 6- The Three Orders 2. Theme 7: Changing Cultural Traditions 3. Theme 8: Confrontation of Cultures
<p style="text-align: center;">PSYCHOLOGY</p>	<ul style="list-style-type: none"> • What is Psychology • Methods of enquiry in Psychology • Sensory, attentional and perceptual processes • Human memory n • Learning <p><u>Unit Test I :-</u></p> <ol style="list-style-type: none"> 1. What is Psychology 2. Methods of enquiry in psychology 	<ul style="list-style-type: none"> • The bases of human behaviour • Human development • Thinking • Motivation and Emotion <p><u>Unit Test II :-</u></p> <ol style="list-style-type: none"> 1. Human Development 2. Motivation and Emotion

<p style="text-align: center;">SOCIOLOGY</p>	<ul style="list-style-type: none"> • Sociology and society • Terms concepts and their use in Sociology • Understanding Social Institutions • Culture and socializations • Doing Sociology : Research Methods <p>Practical: Project + viva + research design</p> <p>UNIT TEST 1 :</p> <ol style="list-style-type: none"> 1. Sociology and society 2. Terms concepts and their use in sociology. 	<ul style="list-style-type: none"> • Structure , process and stratification • Social change and social order in rural and urban society • Environment and society • Western Social thinkers • Indian Sociologists • Doing sociology: research methods • Culture and Socialization • Chapters done in the first term <p>Practical: Project + viva + research design</p> <p>UNIT TEST 2:</p> <ol style="list-style-type: none"> 1. Structure, process and stratification. 2. Social change and social order in rural and urban society
<p style="text-align: center;">POLITICAL SC.</p>	<ul style="list-style-type: none"> • Rights in the Indian Constitution • Election and Representation • Executive • Legislature • Judiciary <p>UNIT TEST I: Rights, Election and Representation</p>	<ul style="list-style-type: none"> • Federalism • Constitution as a living document • Philosophy of the Constitution • Liberty • Equality • Social Justice • Secularism • Citizenship • Chapters done in the first term <p>UNIT TEST II: Federalism, Constitution as a living document</p>
<p style="text-align: center;">MULTIMEDIA & WEB TECH.</p>	<p>UNIT I: INTRODUCTION TO COMPUTER SYSTEMS</p> <ul style="list-style-type: none"> • Chap 1: Computer System Organization • Chap 2: Input and Output devices • Chap 3: Concept Of Software. • Chap 4: Windows Operating System <p>UNIT 2: WEB DEVELOPMENT</p> <ul style="list-style-type: none"> • Chap 1: Web Development Concepts • Chap 2: Introduction to HTML. • Chap 3: HTML Text • Chap 4: Lists in HTML. • Chap 5: Inserting Image In WebPage. • Chap 6: Tables In HTML. • Chap 7: Hyperlinks and Anchors. • Chap 8: Frames and Forms in HTML. 	<p>UNIT 3: WEB SCRIPTING</p> <ul style="list-style-type: none"> • Chap 1: Introduction To Java script. • Chap 2: JavaScript Functions. • Chap 3: Branching in JavaScript. • Chap 4: Looping in JavaScript. • Chap 5: Objects in JavaScript. • Chap 6: Working with Control Objects. <p>UNIT 4: MULTIMEDIA AND AUTHORIZING TOOLS</p> <ul style="list-style-type: none"> • Chap 1: Basics of Multimedia and Authoring Tools. • Chap 2: Image Processing Software- Photoshop. • Chap 3: Image Editing and Scanning.

	<ul style="list-style-type: none"> • Chap 9: Cascading Style Sheets(CSS). • Chap 10: eXtensible Markup Language. <p><u>Unit Test I: Chap 1,2 from Unit I.</u> Chap 1,2,3 form Unit 2.</p>	<ul style="list-style-type: none"> • Chap 4: Using Animation and Sound. • <u>Chapters done in the first term.</u> <p>Unit Test II: Chap 1,2,3,4,5 from UNIT 3 .</p>
HOME SC.	<ul style="list-style-type: none"> • Concept of home science and its scope • Human development and life span approach • Food, nutrition, health and fitness <p><u>Unit test 1</u></p> <ul style="list-style-type: none"> • Functions of food • Selection of food • vitamins 	<ul style="list-style-type: none"> • Fabric and apparel. • Community Development and extension education. • Family and community resources. <p><u>Unit test 2</u></p> <ul style="list-style-type: none"> • Concept of family • Resources • Management process • Time management
LEGAL STUDIES	<p>Unit 1: Theory & Nature of Political Institution</p> <ul style="list-style-type: none"> • Chapter 1: Concept of State & nation • Chapter2: Organs of Government – Legislature , Executive and Judiciary • Chapter 3: Separation of Powers –Parliamentary, Sovereignty & Independence of Judiciary. • Chapter 4: Basic features of the Constitution of India. • Unit II : Nature and Sources of Law • Chapter 1: Nature - Meaning of law • Chapter 2: Classification of law • Chapter 3 : Sources of Law • Chapter 4 : Law Reform <p><u>UNIT TEST 1</u> : Chapter 1 & 2 from Unit 1.</p>	<p><u>Unit III: Historical Evolution of the India Legal System.</u></p> <ul style="list-style-type: none"> • Chapter 1: Ancient Indian Law • Chapter 2: Administration of Justice in British India. • Chapter 3: Making of the Indian Constitution. • Unit IV: Judiciary: Constitutional Civil and Criminal Courts and Process. • Unit V: Family Justice System. <p><u>UNIT TEST 2</u> : Judiciary: Constitutional Civil and Criminal Courts and Process & Family Justice System</p>
COMMERCIAL ART	<ul style="list-style-type: none"> • Pre-Historic rock paintings and art of Indus Valley. • Study of pre-historic sculptures and seal. 	<ul style="list-style-type: none"> • Artistic aspect of Indian Temple sculpture. • South Indian Bronzes. • Artistic aspects of the Indo-Islamic architecture

	<ul style="list-style-type: none"> • Buddhist, Jain and Hindu Art. • Introduction to Ajanta. <p><u>Unit Test- 1</u></p> <ul style="list-style-type: none"> • Pre-Historic rock paintings and art of Indus Valley. • Buddhist, Jain and Hindu Art. 	<ul style="list-style-type: none"> • <u>Chapters done in the first term.</u> <p><u>Unit Test-2</u></p> <ul style="list-style-type: none"> • South Indian Bronzes. • Artistic aspects of the Indo-Islamic architecture
<p>FASHION STUDIES</p>	<ul style="list-style-type: none"> • Understanding fashion ,factors influence fashion • Key concepts and terminology • Movements and direction of fashion. • Theories of fashion movement • Role of fashion professionals • Characteristics and Uses of fabrics • Elements and principles of design , roles of fashion professionals . • Elements of garment making, Sewing machine, different type, different part, threading, needles and threads, Sewing Aids, Common machine problems • UNIT TEST 1 - Understanding fashion ,factors influence fashion • Key concepts and terminology • Movements and direction of fashion. • TERM 1- • Understanding fashion ,factors influence fashion • Key concepts and terminology • Movements and direction of fashion. • Theories of fashion movement • Role of fashion professionals • Characteristics and Uses of fabrics • Elements and principles of design • Elements of garment making, Sewing machine, different type, different part. 	<ul style="list-style-type: none"> • UNIT TEST 2 - Theories of fashion movement • Role of fashion professionals • Characteristics and Uses of fabrics • Elements and principles of design , roles of fashion professionals . Elements of garment making, Sewing machine, different type, different part, threading, • TERM 2- • Understanding fashion Defination of Fashion, factors influence fashion • Key concepts and terminology • Movements and direction of fashion. • Theories of fashion movement • Role of fashion professionals • Characteristics and Uses of fabrics • Elements and principles of design .Colours.Psychological meaning of colours,Colour wheel. • Elements of garment making, Sewing machine, different type, different part, threading, needles and threads, Sewing Aids, Common machine problems

PHYSICAL EDUCATION

- Theory
- Changing Trends and Career in Physical Education
- Olympic Movement
- Physical Fitness, Wellness and Lifestyle
- Physical Education and Sports for Differently Abled
- Yoga
- Physical Activity and Leadership Training
- Test and Measurement and Evaluation
- Practical
- Physical Fitness Training
- Sprint Practice (100 mtr,200mtr)
- Standing Broad Jump
- Health and Fitness activities (medicine ball, Skipping)
- Skill of games (Khokho, Badminton)
- Yoga
- Project
- Yoga
- Standard Track N Field

UNIT TEST I:

- Changing Trends and Career in Physical Education
- Olympic Movement
- Physical Fitness, Wellness and Lifestyle
- Physical Education and Sports for Differently Abled

- Theory
- Full syllabus of Term-I and
- Fundamentals Of Anatomy & Physiology
- Kinesiology, Biomechanics And Sports
- Psychology and Sports
- Training in Sports
- Doping
- Practical
- Physical Fitness Training
- Sprint Practice (100 mtr,200mtr)
- Standing Broad Jump
- Health and Fitness activities (medicine ball, Skipping)
- Skill of games (Khokho, Badminton)
- Yoga
- Project
- Selected Game (any one)
- BMI(Group)

UNIT TEST II:

- Fundamentals Of Anatomy & Physiology
- Kinesiology, Biomechanics And Sports
- Training in Sports