

ENGLISH LANGUAGE
CLASS X
SYLLABUS 2018-2019

UNIT I			HALF YEARLY		
SL NO.	TOPIC	CONTENTS	SL NO.	TOPIC	CONTENTS
1	Comprehension	Unseen	1	Composition	Narrative
2	Letter Writing	Formal			Descriptive
		Informal			Argumentative
3	Grammar	Tenses	2	Letter Writing	Formal
		Prepositions			Informal
		Transformation of Sentences	3	Comprehension	Unseen
		Aural Comprehension and Oral Skills	4	Grammar	Tenses
		English Language Assessment test			Prepositions
	Notice Writng				Joining of sentences
	Email Writing				Transformation of sentences
				Project Assignment	English oral skill
					Aural Comprehension
				Notice Writng	
				Email Writing	

UNIT II			REHEARSAL		
SL NO.	TOPIC	CONTENTS	SL NO.	TOPIC	CONTENTS
1	Comprehension	Unseen	1	Composition	Argumentative
2	Letter Writing	Informal			Picture composition
3	Grammar	Joining of sentences			Story writing
		Transformation of sentences	2	Letter Writing	Formal
					Informal
			3	Comprehension	Unseen
			4	Grammar	Tenses
					Prepositions
					Joining of sentences
					Transformation of sentences
				Project Assignment	English oral skill
					Aural Comprehension
				Notice Writng	
				Email Writing	

**ENGLISH LITERATURE
CLASS X
SYLLABUS 2018-2019**

UNIT I

BOOK'S NAME

Treasure Trove

1. The Cold Within
2. An Angel in Disguise

BOOK'S NAME

The Merchant of Venice

- Act III : Scene I
Scene II

HALF YEARLY

BOOK'S NAME

Treasure Trove

1. After Blenheim
2. The Blue Bead
3. Nine Gold Medals
4. Hearts and Hands

BOOK'S NAME

The Merchant of Venice

- Act III: Scene III
Scene IV
Scene V

Project Assignment- Discuss the character of Shylock with special emphasis on Act III Scene I. (To be completed during the summer vacation)

UNIT II

BOOK'S NAME

Treasure Trove

1. Chief Seattle's Speech
2. I Know why the Caged Bird Sings

BOOK'S NAME

The Merchant of Venice

- Act V: Scene I

REHEARSAL

The entire syllabus that is covered in Class IX and Class X will be there for the Pre-board Examination

Project Assignment- Discuss the poem ' I Know why the Caged Bird Sings' as a study of the freedom struggle for all African-Americans.

HINDI 2ND LANGAUAGE
CLASS X
SYLLABUS 2017-2018

HINDI
UNIT 1

Book's Name	SAHITYA SAGAR (POEM)
Name of the Chapter	MATRU MANDIR KI ORE SUBHADRA KUMARI CHAUHAN VAH JANMABHOOMI MERI-SOHAN LAL DWIVEDI

Book's Name	EKANKI SANCHAY
Name of the Chapter	DEEP DAAN RAM KUMAR VERMA

	SARAS HINDI VYAKARAN AUR RACHNA
Name of the Chapter	PARYAYVACHI SHABD VILOM SHABD SANGYA SE VISHESHAN BHAVVACHAK SANGYA TATSAM-TADBHAV MUHAVRE SHABDA SAMOOH KE LIYE EK SHABD PATRA LEKHAN APATHIT GADDHYANSH PRASTAV LEKHAN

HINDI
HALF YEARLY

Book's Name	SAHITYA SAGAR (POEM)
Name of the Chapter	CHALNA HAMARA KAAM HAI SHIVMANGAL SINGH'SUMAN' SAAKHI- KABIRDAS MATRU MANDIR KI ORE SUBHADRA KUMARI CHAUHAN INCLUDING CLASS IX SYLLABUS

Book's Name	EKANKI SANCHAY
Name of the Chapter	MATRU BHOOMI KA MAAN HARIKRISHNA PREMI DEEP DAAN RAM KUMAR VERMA SOOKHI DAALI UPENDRANATH ASHK

	SARAS HINDI VYAKARAN AUR RACHNA
Name of the Chapter	APATHIT GADHYANSH NIBANDH LEKHAN PATRA LEKHAN PARYAYVACHI VILOM TATSAM-TADHBHAV MUHAVRE VAKYA PARIVARTAN SHABDA SAMOOH KE LIYE EK SHABD SANGYA SE VISHESHAN BHAVVACHAK SANGYA

BENGALI 2ND LANGUAGE
CLASS X
SYLLABUS 2018-19

BENGALI UNIT 1		BENGALI HALF YEARLY	
Book's Name	Sankolita (Short Story)	Book's Name	Sankolita (Short Story)
Page No	Name of the Chapter	Page No	Name of the Chapter
59	Gandhota Khub Sandeho Janak	69	Lokti
		16	Bama
Book's Name	Sankolita (Poem)	Book's Name	Sankolita (Poem)
Page No.	Name of the Chapter	Page No.	Name of the Chapter
94	Babu Bolen	96	Kho-Kho
		92	Amalkanti
Book's Name	Grammar	Book's Name	Grammar
	Name of the Chapter		Name of the Chapter
	Correct & incorrect		Essay Writing
	Voice Change & Narration Change		Letter Writing
			Homonyms
			Synonyms
			One Word Expression
			Proverbs
			Comprehension
Syllabus for Half Yearly All Chapters of Unit I & Half Yearly			
BENGALI UNIT 2		BENGALI REHEARSAL	
Book's Name	Sankolita (Short Story)	Book's Name	Sankolita (Short Story)
Page No	Name of the Chapter	Page No	Name of the Chapter
33	Asahojogi		Whole Book prescribed by ICSE (10 Short Stories)
Book's Name	Sankolita (Poem)	Book's Name	Sankolita (Poem)
Page No.	Name of the Chapter	Page No.	Name of the Chapter
90	Phul Phutuk Na Phutuk		Whole Book prescribed by ICSE (10 Poems)
Book's Name	Grammar	Book's Name	Grammar
	Name of the Chapter		Name of the Chapter
	Voice Change		Essay Writing
	Chaste Bengali to Modern Bengali		Letter
	Transformtaion of Sentences		Proverbs
	Punctuation Marks		One Word Expression
			Synonyms
			Homonyms
			Punctuation Marks
			Comprehension
			Traditional Grammar

MATHEMATICS
CLASS X
SYLLABUS 2018-2019

UNIT I

HALF YEARLY

Understanding ICSE Mathematics

Understanding ICSE Mathematics

Chapter No	Name of the Chapter	Topic	Chapter No	Name of the Chapter	Topic
5	Quadratic Equation	Shreedhar Acharya formula Problem Sums Roots and nature of roots	4	Linear Inequation	Line – Mapping Properties of inequation
1	Value Added Tax	Sales Tax Value Added Tax	6	Factorization	Factor Theorem Use of factor theorem in factorization Remainder Theorem
10	Reflection	Graphical Method Invariant point Combination of Reflection	9	Arithmetic & Geometric Mean	Finding and General term Finding the sum of first n terms
11	Section Formula	Distance Formula Section Formula Collinearity of three points	8	Matrices	Order of Matrix Operations on Matrix Multiplication Rules
12	Equation of Straight Line	Slope intercept form one point form Conditions for two lines to be parallel or perpendicular	18	Trigonometric Identities	Identities (Proof)
			19	Trigonometric Tables	Angles (0° - 90°)
			2	Banking	Interest Formula Recurring Formula
UNIT 1	5 chapters Project – 1 : Comparing of News Paper coverage by 3 daily News papers in 3 languages for 2 days Submission:- August 2018		21	Measures of Central Tendency	Median and modal class of group data Direct Shortcut Step deviation
			22	Probability	Random experiments Events Definition Simple problems
			13	Similarity	Angle & Area Principle Size transformation
			14	Locus	Construction Principle Examples of Loci
			HALF YEARLY: 11 Chapters		
			Project – 2: Banking		Submission:- August 2018

MATHEMATICS
CLASS X
SYLLABUS 2018-2019

UNIT II

REHEARSAL

Understanding ICSE Mathematics

Understanding ICSE Mathematics

Chapter No	Name of the Chapter	Topic	Chapter No	Name of the Chapter	Topic
15	Circle	Angle Property Cyclic Property Tangent and Secant Property	17	Mensuration	Cylinder ,Cone and Sphere
20	Heights & Distance	Angle of Elevation & Depressior	16	Construction	Circumcircle, Incircle and others
7	Ratio and Proportion	Ratio Proportion Problems based on k-method	22-Jan	Full (ICSE Class X) Syllabus Model Paper Solving	All Topics included in 24 chapters
3	Share and Dividend	Face value Nominal Value Dividend Formulae			
UNIT II - 4 Chapters					
	Project – 3 : Home Budget	Submission:- November 2018			

PHYSICS
CLASS X
SYLLABUS 2018-2019

UNIT I

HALF YEARLY

Concise physics			Concise physics		
Chapter No.	Name of the Chapter	Topic	Chapter No.	Name of the Chapter	Topic
1	Force	Contact, Non Contact Forces Newton's Laws	5	Refraction of light through Lenses	Convex Lenses Concave Lenses
2	Work, Power and Energy	Work, Power and Energy Relation	6	Spectrum	Spectrum Analysis
3	Machines	Lever, Pulleys, Inclined Plane & Gears (Working Principles)	8	Current Electricity	E.M.F, Potential Difference & Resistance
4	Refraction of light at plane Surface	Parallel Block, Prism Relation	7	Sound PRACTICAL	Vibration, Resonance As per ICSE Syllabus Submission:- August 2018
UNIT 1: 4 chapters			HALF YEARLY: 8 Chapters		

UNIT II

REHEARSAL

Concise physics			Concise physics		
Chapter No.	Name of the Chapter	Topic	Chapter No.	Name of the Chapter	Topic
11	Calorimetry	Specific Heat Capacity, Latent Heat	9	Electric Power & Household Circuit	Power Supply, Electric Household Appliances
12	Thermo-ionic Emission & Radioactivity	Cathode – Ray Tube Radio – Activity Radiation	10	Electro Magnetism PRACTICAL	Electric Bell, D.C Motor A.C Generator & Transformer As per ICSE Syllabus Submission:- November 2018
Unit 2: 2 chapters			Full (ICSE Class X) Syllabus 12 chapters All Topics included in 12 chapters (Revision Lesson)		

CHEMISTRY
CLASS X
SYLLABUS 2018-2019

UNIT I

HALF YEARLY

CONCISE CHEMISTRY BY SELINA

CONCISE CHEMISTRY BY SELINA

Chapter No.	Name of the Chapter	Topic
1	Periodic table	Modern periodic table Salient features of the modern periodic table Period, groups, orbit and valency Periodic properties
2	Chemical bonding	Types of chemical bonding Electron dot diagram Redox reaction Co-ordinate bond
5	Mole concept and stoichiometry	Gay-Lussac's and Avogadro's law Relative atomic mass and atomic weight Percentage composition, empirical formula, molecular formula. Calculations based on chemical equations

Chapter No.	Name of the Chapter	Topic
3	Acid, bases and salts	Physical and chemical properties of acids, bases and salts Preparations Types of salts and their examples Water of crystallisation
4	Analytical chemistry.	Uses of ammonium hydroxide and sodium hydroxide and their standard tests.
8	Study of compounds	Hydrogen chloride
10	Study of compounds	Nitric acid

Half yearly chapters 1,2,3,4,5,8,10

Project based on practical work and submission of lab manual

SUBMISSION:- AUGUST

UNIT II

REHEARSAL

CONCISE CHEMISTRY BY SELINA

CONCISE CHEMISTRY BY SELINA

Chapter No.	Name of the Chapter	Topic
7	Metallurgy	Metals and non-metals Study of activity series of metals Extraction of metals Uses of metals and alloys
9	Study of compounds	Ammonia
11	Study of compounds	Sulphuric acid
12	Organic chemistry	Organic compounds Alkanes Alkenes Alkynes General properties and reactions

Chapter No.	Name of the Chapter	Topic
6	Electrolysis	Concept about electrolysis Electrochemical series Examples of electrolysis Applications of electrolysis
10	Practical chemistry	Observations based on practical chemistry

Syllabus for finals

All chapters of half-yearly and unit tests are to be included.

Project based on practical work and submission of lab manual

SUBMISSION:- NOVEMBER

BIOLOGY
CLASS X
SYLLABUS 2018-19

UNIT I

HALF YEARLY

ICSE Biology-Satra

ICSE Biology-Satra

Chapter No.	Name of the Chapter	Topic	Chapter No	Name of the Chapter	Topic
4	Absorption by roots	Characteristics of roots for absorption Imbibition Osmosis & its experiments Turgidity & its Applications Plasmolysis Ascent of sap	6	Photosynthesis	Process and phases of Photosynthesis Adaptation in Leaf Carbon cycle Factors affecting Photosynthesis Importance of Photosynthesis
5	Transpiration	Process Apparatus Kinds of transpiration Factors affecting transpiration Experiments Significance	8	Circulatory system	Blood and its composition Clotting of blood Blood groups Heart & circulation Blood vessels Tissue fluid & lymph
			9	Excretory system	Excretion and different organs Kidney and its different structures Function of the kidney Constituents of urine Osmoregulation
			10	Nervous system	Structure of a neuron & its kinds Brain & its parts Spinal cord & reflex action Peripheral nervous system Structure of the eye Structure of the ear
			11	Endocrine system	Hormones and enzymes Different endocrine glands Control of hormone secretion
			12	Reproductive system	Male reproductive system Female reproductive system Menstrual cycle Fertilization and implantation Placenta and its function Twins
			Chapters-4, 5, 6, 8, 9, 10, 11,12 Syllabus for half yearly including practical work- Topics to be covered as per ICSE syllabus		

BIOLOGY
CLASS X
SYLLABUS 2018-19

UNIT II

REHEARSAL

ICSE Biology-Satra

ICSE Biology-Satra

Chapter No.	Name of the Chapter	Topic	Chapter No	Name of the Chapter	Topic
13	Population	Reason for population explosion Terms and definition Methods of contraception	3	Genetics	Mendel's experiments Mono and dihybrid crosses Definition Sex linked inheritance
1	Cell cycle and cell division	Components of cell and their function Types of division Mitosis and its stages Meiosis and its stages	7	Chemical coordination in plants	Site of formation of plant hormones Effects of plant hormones Tropic movements
2	Structure of chromosome	Chemical composition Structure of DNA	14	Human evolution	Human evolution Lamarckism and darwinism
	Unit11-Chapter12,13,1,2		15	Pollution- A problem	Pollution [air, water, soil, thermal, noise] Effects on climate and environment Green house effect Acid rain Ozone depletion
				Syllabus for finals 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 Practical as per ICSE Syllabus	

COMPUTER APPLICATIONS
CLASS X
SYLLABUS 2018-2019

UNIT I

HALF YEARLY

Computer Applications volume 2 (Dhanpat Rai)			Computer Applications volume 2 (Dhanpat Rai)		
Chapter No	Name of the Chapter	Topic	Chapter No	Name of the Chapter	Topic
1 &2	Concept of objects And Class	Introduction What is object? Encapsulation Object implementation What is a class? Need for class Abstraction Object factory	5	Functions	Function definition Accessing a function Call by value Call by reference Returning from a function Function overloading Calling of overloaded functions
3	Introducing java on Blue J Environment	Java features Blue J programming concept Method main Creating documentation	6	Constructors	Statement Assignment, input , output operator Control transfer statement
4	Class as basics of all Computation	Java character set Tokens Data types Variables Constants Operation & expression	8	Using library class	Simple I/O Exception handling Wrapper class Working with string
13	Arrays	Need of arrays Types Searching Sorting Arrays vs. object Advantages and disadvantages of arrays	11	Using Scanner class and printing API in Java	Obtaining input using scanner class Printing in java
9	Decision making Statements	Introduction Programming structure Selection statement (if and switch)	Syllabus for Half yearly including project work including Project Work (20 programs from Class object,Functions,Constructor,String,Array) Ch- 1,2,3,4,5,6,8,9,11,13 & project submission on or before 28/8/2018		

Syllabus for UNIT 1 : Ch 1,2,3,4,9,13 and Practical programs to be practiced.

**COMPUTER APPLICATIONS
CLASS X
SYLLABUS 2018-2019**

UNIT II

REHEARSAL

Computer Applications volume 2 (Dhanpat Rai)			Computer Applications volume 2 (Dhanpat Rai)		
Chapter No	Name of the Chapter	Topic	Chapter No	Name of the Chapter	Topic
12	Encapsulation and inheritance	Visibility modifier Scope and visibility rules Inheritance concept	7	Class as user defined type	Class as a composite type Class as user defined data types Creating and using objects Controlling access to member of a class
10	Iteration through loops	For loop While loop Do while loop Nested loops Comparison of loops & jump statement			

Syllabus for UNIT 2 including Project Work

(20 programs from Loops,Function overloading, Constructor overloading,String)

Ch- 8,10,11,13 & Project Submission (2nd part)

on or before 22/11/2018

Syllabus for Rehearsal Examination

Ch 1,2,3,4,5,6,7,8,9,10,11,12,13 & practical programs to be practiced.

COMMERCIAL STUDIES
CLASS X
SYLLABUS 2018-2019

UNIT I

HALF YEARLY

Commercial Studies Part II (C.B. Gupta)

Commercial Studies Part II (C.B. Gupta)

Chapter No.	Name of the Chapter	Topic	Chapter No.	Name of the Chapter	Topic
			10	Finance	Meaning and function of Capital market
1	Stakeholder in Commercial Organization	Concept of Shareholders Distinction between different Stakeholders			Sources of raising various short term and long term capital Features, Types, Merits and Demerits of such Capital funds
			11	Recruitment, Selection and Training	Meaning, Source and Methods of Recruitment Meaning and Steps in selection process
2	Marketing and Sales	Expectations of Stakeholders Analysis of Stakeholders Meaning and objectives of marketing Importance of marketing Distinction between marketing and sales Meaning of product and pricing and its objectives Difference between Product and Services			Distinction between Selection and Recruitment Meaning, types, methods and Importance of Training
			Syllabus for Half - Yearly Examination : Chapter 1 to 11 with Project Work.		
3	Advertising and Sales Promotion	Meaning, objectives,Types and Importance of Advertising Difference between advertising and publicity Media and Factors affecting choice of media Meaning, roles and technique of Sales promotion			
4	Consumer Protection	Need for consumer protection Meaning and Types of consumer exploitation Importance of Consumer Protection The Consumer Protection Act, 1986 Rights of the consumer Procedure for filing complaint and machinery for redressal of consumer's grievances			
5	E-Commerce	Meaning of E-commerce and and its benefits over traditional commerce concept of E-tailing, E- advertising, E-marketing, E-security and ERP			

COMMERCIAL STUDIES
CLASS X
SYLLABUS 2018-2019

Capital and Revenue Income/Expenditure	
6 e	<ul style="list-style-type: none"> Meaning of Capital and Revenue Expenditure Distinction between Capital and Revenue Expenditure Meaning of Deferred Revenue Expenditure Difference between Capital and Revenue Receipts Capital and Revenue Profits/Losses
7	<ul style="list-style-type: none"> Final Accounts of a Sole Trader <ul style="list-style-type: none"> Trading Accounts Profit and Loss Accounts Balance Sheets Difference between Balance Sheet and Trial Balance Differenc between Balance Sheet and Profit and Loss Account Classifications of Assets and Liabilities
8	<ul style="list-style-type: none"> Fundamental Concepts of Cost <ul style="list-style-type: none"> Concept of Cost Elements of Cost Classification of Cost Distinction between direct and indirect cost Distinction between fixed and variable cost Controllable and Uncontrollable cost Other types of cost
9	<ul style="list-style-type: none"> Budgeting <ul style="list-style-type: none"> Meaning of Budget Budget and Forecast Types of Budget Utility of Budgets Cash flow statement Distinction between cash flow and funds flow statements

Syllabus for Unit 1 : Chapter 1,2,3,4,7,8 and 9 with Project Work.

UNIT II

REHEARSAL

Commercial Studies Part II (C.B. Gupta)

Commercial Studies Part II (C.B. Gupta)

Chapter No.	Name of the Chapter	Topic	Chapter No.	Name of the Chapter	Topic
-------------	---------------------	-------	-------------	---------------------	-------

COMMERCIAL STUDIES
CLASS X
SYLLABUS 2018-2019

<p>Industrial Relation, 12 Trade Union and Social Security</p>	<p>Meaning and Objectives of Industrial Relation</p> <p>Causes of poor industrial relation</p> <p>Meaning of Industrial disputes and Trade Union</p> <p>Problems of Trade Union in India</p> <p>Measures for Strengthening trade union</p> <p>Concepts and Scope of Social Security</p> <p>Provident Fund, Gratuity, Pensions, Group Insurance</p> <p>Maternity Benefits</p>	<p>14 Banking</p>	<p>Meaning, Types and Functions of Commercial Banks and RBI</p> <p>Control of Credit by RBI</p> <p>Role of Banks in Economic Development</p> <p>Types of Deposits Accounts</p> <p>Meaning, types and features of cheques</p> <p>Meaning and Features of Pass Book, Bank Draft, Bills of Exchange, Promisory Note, Debit, Credit Card and ATM</p>
Syllabus for Rehearsal: Chapters 1 to 15 with Project			
<p>Logistics and 13 Insurance</p>	<p>Meaning of Logistics</p> <p>Need for Transportation</p> <p>Significance of Transportation</p> <p>Modes of Transportation</p> <p>Choice of Suitable Mode of Transportation</p> <p>Meaning, Types and Importance of Warehousing</p> <p>Meaning and Importance of Insurance</p> <p>Principles of Insurance</p>		
<p>Striving for a Better 15 Environment</p>	<p>Community Participation and Public Awareness</p> <p>Use of Efficient and Eco Friendly Technology</p> <p>Sustainable use of Resources</p> <p>Environmental Values and Ethics</p>		

Syllabus for Unit II: Chapters 12,13 and 15 with Project

Projects: (Any Three)

1. From the daily newspaper which your family buys, select ten different advertisements. Compare each of them with the essentials of a good advertisement. Not down how many requirements are fulfilled by each advertisement. Is the advertisement which fulfills the maximum number of requirements the most popular/ effective?

COMMERCIAL STUDIES
CLASS X
SYLLABUS 2018-2019

2. Meet ten persons of your area and find out how many of them knows about the six Consumer Rights, provided under the Consumer Protection Act. Analyze whether they are active or passive consumers through a questionnaire. Prepare a chart depicting the same.

3. Survey on various financial fraudulent practices that has been commonly found in the country now a days. Write a report and statistical representation on the types of fraudulent cases and its intensity in the country

4. Visit any commercial bank in your city. Meet the staff and find out the procedure for opening a savings bank account. What facilities are available under such an account? How frequently can money be deposited and withdrawn from a savings account? What are the advantages of using a cheque for making payments?

Visit any multi national company and find out the procedure of recruitment and selection of candidates. Prepare a report on the same and also find out the number of on job and off job trainings undergone by the employees of the Company.

Dates of submission of projects :

First project to be submitted immediately after Summer Vacation.

Second project to be submitted on or before 28th of August.

Third project to be submitted on or before 22nd of November.

ECONOMIC APPLICATIONS
CLASS X
SYLLABUS 2018-2019

UNIT I

HALF YEARLY

ELEMENTARY ECONOMIC APPLICATIONS CLASS X (DEBASHIS MAJUMDAR)

ELEMENTARY ECONOMIC APPLICATIONS CLASS X (DEBASHIS MAJUMDAR)

Chapter No.	Name of the Chapter	Topic
1	Theory of Demand	Concept of Demand Determinants of Demand Law of Demand Movement along and shift in Demand Curve Elasticity of Demand Determinants of Elasticity
2	Theory of Supply	Meaning of Supply Determinants of Supply Law of Supply Movement along and shift in Supply Curve Elasticity of Supply Time Period and Supply
3	The Productive Mechanism	Definition of Production Determination of the Volume of Production Factor of Production
4	Land	Meaning Characteristics Functions and Importance Factors Affecting Productivity and Efficiency Ecosystem and its Destruction Industrialisation Construction of dams and its impact

Syllabus for Unit 1 : Chapter 1 to 3 with Project Work.

Chapter No.	Name of the Chapter	Topic
5	Labour	Meaning Characteristics Factors affecting labour Advantages and Disadvantages of division of labour Importance of labour in production structure Efficiency of Labour and causes of low efficiency of workers in India Measures for improving the efficiency
6	Capital	Definition, Characteristics of Capital Types of Capital Factors determining capital formation Causes of low capital formation Role of capital in production
7	Enterprise	Definition Function and qualities of an entrepreneur Difference between an entrepreneur and Organiser Role of entrepreneur in economic development

Syllabus for Half - Yearly Examination : Chapter 1 to 6 with Project Work.

ECONOMIC APPLICATIONS

CLASS X

SYLLABUS 2018-2019

UNIT II

REHEARSAL

ELEMENTARY ECONOMIC APPLICATIONS CLASS X (DEBASHIS MAJUMDAR)

ELEMENTARY ECONOMIC APPLICATIONS CLASS X (DEBASHIS MAJUMDAR)

Chapter No.	Name of the Chapter	Topic	Chapter No.	Name of the Chapter	Topic
8	Alternative Market Structures	Concept of Market Nature and Structure of Markets Perfectly Competitive Market Monopoly Market Monopolistically Competitive Market Monopsony Market Oligopoly Market An overview of Market Structure Price Determination in a Perfectly Competitive Market	10	Money and Inflation	Barter System of Exchange Money - Definition, Functions, Importance and Modern form of Money Inflation - Meaning, Types, Effects and Control of Inflation Banking - Commercial Banks and Central Bank Commercial Banks - Meaning, Functions, Credit Creation, Role of Banks in an Economy Central Bank - Functions, Quantitative and Qualitative
9	The Role of State in Economic Development	Role of State in Promoting Economic Development Instruments of State Intervention/Policy Instruments Monetary Policy - Meaning Fiscal Policy - Meaning and Objectives Taxation - Nature of Taxes, Direct and Indirect Taxes, Proportional, Progressive, Regressive and Degressive Taxes. Which Tax System is Suitable? Public Expenditure - Types and its importance Problems of Public Sector Enterprises Privatization of Public Sector Enterprises Reasons for Privatization			Credit control measures adopted by RBI Syllabus for Annual: Chapters 1 to 10 with Project

ECONOMIC APPLICATIONS

CLASS X

SYLLABUS 2018-2019

Projects:

1. Take a fast moving consumer (FMCG) like washing machine detergent. Analyze the factors that determine the demand of this product. Present your findings in form of a class presentation.
2. Develop a hypothetical table of information for coffee that shows quantity demanded at various prices and supply of coffee at these prices. Draw a demand curve and supply curve and show an equilibrium price at which market is cleared of its supplies.
3. Make a list of products for which you think demand is price inelastic and price elastic. Specify the reasons you may think relevant for your analysis.
4. Take a case of public enterprises which is about to be privatized or has been recently privatized or has been recently privatized. Analyse the pros and cons of such an exercise undertaken by the government. (The case of VSNL or BALCO can be taken up).

Dates of submission of project files :

- First project to be submitted immediately after Summer Vacation.
Second project to be submitted on or before 28th of August.
Third and fourth project to be submitted on or before 22 November.

History and Civics
Class X
Syllabus 2018-2019

UNIT I

HALF YEARLY

History and Civics -Jacob and Tayal

History and Civics Jacob and Tayal

Chapter No.	Name of the Chapter	Topic	Chapter No.	Name of the Chapter	Topic
1	Revolt of 1857 First war of Independence	Political , Social , Military Economic causes , effects .	4	Rise of Radicals	Causes , Tilak , Lala Lajpat Rai , Bipin Pal .
2	Rise of Nationalism	Causes , formation of Indian national Congress aims ,other associations and their aims .	5	Partition of Bengal	Causes, effects , Swadeshi and Boycott movement .
3	Rise of Early nationalists	Objectives , Methods , demands , Dadabhai Naoroji , Surendranath Banerjee , Gokhale .	6	Formation of Muslim League	Causes , objectives , Lucknow Pact, Home Rule movement .
		<u>Civics</u>	7	Mahatma Gandhi	Non cooperation , civil disobedience , causes impact , Simon Commission, Poorna Swaraj , Gandhi Irwin pact , Round Table conference , Cripps Mission, Quit India Movement .
1	The Union Legislature	Lok Sabha, Rajya Sabha Formation and function all powers of Parliament , Control on Executive .	8	National Movement	
2	The Union executive	President qualifications , election , all powers . Vice President , Prime Minister, council , powers .		Syllabus of Half Yearly Examination	History 1, 2, 3, 4, 5, 6, 7, 8, civics 1, 2 .
				Project Work	United Nations Organs and Agencies

UNIT II

REHEARSAL

History and Civics Jacob and Tayal

History and Civics Jacob and Tayal

Chapter No.	Name of the Chapter	Topic	Chapter No.	Name of the Chapter	Topic
9	Netaji and INA	Formation and function of Forward Bloc , formation of INA and function .	13	Second World War	causes , effects .
10	Independence and partition of india	Cabinet Mission Plan , Indian independence act	14	United Nations	Organs and Agencies formation and function Meaning , objectives , Panchsheel, role of Nehru , relevance in modern world , architects .
11	First World War	Causes and effects .	15	Non Aligned movement	
12	Rise of Dictatorship	Rise of Fascism, Nazism , all domestic and foreign policies of Hitler and Mussolini , effects .		Syllabus for finals ---	All chapters from Half Yearly and Annual Syllabus .
		<u>Civics</u>			
3	The Judiciary	Formation and function of Supreme court and High court different subordinate court in district , Lok Adalat .			

GEOGRAPHY
CLASS X
SYLLABUS 2018-2019

UNIT I

HALF YEARLY

A Textbook of I C S E Geography Part 2

A Textbook of I C S E Geography Part 2

CH No.	Name of the Chapter	Topic	CH No.	Name of the Chapter	Topic
4	Climate of India	Variations Seasons Rainfall	7	Water Resources	Importance & need for irrigation in India Sources - Surface & Groundwater Irrigation : Importance && Method Conservation of water Rainwater harvesting & Its Importance
5	Soils in India	Formation Classification & Characteristics Distribution Soil Erosion Soil Conservation	9	Agriculture in India - I	Importance Salient Features Problems Types of Agriculture in India
6	Natural Vegetation	Environmental Factors Types & Distribution Correlation With Environment Forest Conservation National Forest Policy	10	Agriculture in India II	Food Crops Rice, Wheat ,Millet, Pulses
8	Minerals & Energy Resources	Iron Ore , Manganese , Copper, Bauxite - Uses & Distribution Conventional Sources Coal , Petroleum & Natural Gas (Distribution ,Advantages & Disadvantages. Hydel Power - Bhakra Nangal, Hirakud Dam) Non Conventional Sources -Solar, Wind, Tidal, Geo Thermal, Nuclear & Biogas (generation & Advantage)	11	Agriculture in India III	Cash Crops Sugarcane ,Oilseeds (Groundnut , Mustard, Soyabean) Cotton ,Jute ,Tea ,Coffee
			1	Interpretation of Survey Map Mapwork	45D/7 & 45D/10 India
					Syllabus for Half Yearly - Project work Chapters Included: 1 to 10
	PROJECT	Waste Generation & Management OR Tourist Destinations in India OR Transport in India			

Submission date: 2nd week of August, 2018

GEOGRAPHY
CLASS X
SYLLABUS 2018-2019

UNIT II

REHEARSAL

A Textbook of I C S E Geography Part 2

A Textbook of I C S E Geography Part 2

CH No.	Name of the Chapter	Topic	CH No.	Name of the Chapter	Topic
12	Manufacturing Industri	Importance & Classification	14	Transport	Roadways
13	Manufacturing Industri	Agrobased - Sugarcane , Textile (Cotton & Silk)			Railways
		Mineral based - Iron & Steel (TISCO , Bhilai Rourkela , Vishakhapatnam)			Waterways
		Petrochemical & Electronics			Airways
2	Map Work	India	15	Waste Generation & Management	Problems
1	Survey Map	45D/7 & 45D/10	16	Waste Generation & Management	Sources of Waste
			17	Waste Generation & Management	Impact of Waste Accumulation
			18	Waste Generation & Management	Need for Management of Waste
			19	Need for Reducing, Reusing & Recycling of Waste & Role of Government, Society & Individuals	Methods of Safe Disposal of Waste
				Survey Map	Needs
				Map Work	Initiatives
				Project	
				Syllabus for Rehearsal Examination	45D/7 & 45D/10
				Chapters Included: Entire Syllabus	India

PHYSICAL EDUCATION
CLASS X
SYLLABUS 2018-2019

Unit 1		Half Yearly	
* GENERAL WARM-UP	BODY FEXIBILITY	SPECIFIC WARM-UP	BODY FEXIBILITY
* YOGA EXERCISE	STRESS RELIEF,HELPS IN DIGESTION	FLAT RACE-100M.,200M.	INCREASING FITNESS
* MARCH PAST	DEVELOPMENT OF COORDINATION SKILL	SHUTTLE RUN	DEVELOPING BODY & FITNESS
* INDOOR GAMES-CARROM BOARD,CHESS	IMPROVEMENT OF MENTAL ABILITY	* OUTDOOR GAMES-BADMINTON,	IMPROVEMENT OF STRENGTH & SKILL
*OUTDOOR GAMES- BASKETBALL,FOOTBALL, CRICKET	DEVELOPMENT OF TEAM SPIRIT	THROWBALL	
		* INDOOR GAMES-TABLE TENNIS	DEVELOPING OF PSYCHOMOTOR SKILL

Unit 2		Annual	
STRETCHING EXERCISE	BODY FLEXIBILITY	FITNESS TRAINING-JOGGING,SHUTTLE RUN STRENGTH,SPEED & ENDURANCE	
RELAY RACE	IMPROVEMENT OF STAMINA	PROJECT -CRICKET,FOOTBALL,BASKETBALL	
SPOON & MARBLE RACE	BALANCING SKILL		
BALANCE RACE	BALANCING		
TUG OF WAR	TESTING OF STRENGTH		
* THE MARKED ACTIVITIES WILL BE CONTINUED THROUGHTOUT THE SESSION			

SUPW
CLASS X
SYLLABUS 2018-2019

- 1 Each One Teach One
- 2 First-Aid Box Making
- 3 Embroidery
- 4 Visit to Shishu Bhawan
- 5 Laundry Work