

ST. FRANCIS XAVIER SCHOOL
ENGLISH LANGUAGE
CLASS X
SYLLABUS 2021- 2022

UNIT I

HALF YEARLY

Prescribed Text : Total English

Prescribed Text : Total English

SL NO.	TOPIC	CONTENTS
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TOPIC	CONTENTS
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WRITING SKILLS

- | | | |
|---|------------------|---|
| 1 | Comprehension | Skills |
| 2 | Letter Writing | Formal
Informal |
| 3 | GRAMMAR | Tenses and their Uses I and II
Agreement of Verb with the Subject
Transformation of Sentences |
| | | Aural Comprehension and Oral Skills
English Language Assessment test |
| 4 | Notice and Email | |

WRITING SKILLS

- | | | |
|---|--------------------|--|
| 1 | Composition | Narrative
Descriptive
Argumentative |
| 2 | Letter Writing | Formal
Informal |
| 3 | Comprehension | Analysis and Suggested Answers |
| 4 | GRAMMAR | Tenses
Prepositions
Joining of sentences
Transformation of sentences
Summary Writing |
| 5 | Notice and Email | |
| 6 | Project Assignment | English oral skill
Aural Comprehension and Oral Skills test |

All portions taught

Appropriate portions from the topics taught in Unit I and Half Yearly shall be covered

UNIT II**Prescribed Text : Total English**

SL NO.	TOPIC	CONTENTS
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WRITING SKILLS

- | | | |
|---|----------------|---|
| 1 | Comprehension | Unseen |
| 2 | Letter Writing | Informal |
| 3 | GRAMMAR | Words Often Confused
Direct and Indirect Speech
Adverbs
Factual Writing
Personal Writing
Conditional Sentences |

All portions taught**REHEARSAL****Prescribed Text : Total English**

SL NO.	TOPIC	CONTENTS
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WRITING SKILLS

- | | | |
|---|------------------|---|
| 1 | Composition | Argumentative
Picture composition
Story writing |
| 2 | Letter Writing | Formal
Informal |
| 3 | Comprehension | Unseen |
| 4 | GRAMMAR | Tenses
Prepositions
Joining of sentences
Transformation of sentences |
| 5 | Notice and Email | |

All appropriate portions taught throughout the session shall be covered

ST. FRANCIS XAVIER SCHOOL
ENGLISH LITERATURE
CLASS X
SYLLABUS 2021- 2022

UNIT I

HALF YEARLY

Prescribed Textbook	Treasure Trove	Prescribed Textbook	Treasure Trove
	1.I Know why the Caged Bird Sings 2. The Little Match Girl		1.The Patriot 2. The Blue Bead 3. Abu Ben Adheim 4. My Greatest Olympic Prize

Prescribed Textbook	The Merchant of Venice	Prescribed Textbook	The Merchant of Venice
	Act III Scene II		Act III: Scene III Scene IV Scene V

Appropriate portions from the
All portions taught topics taught in Unit I and

Submission Date:
15.06.2022

1 **Half Yearly shall be covered**
Project Assignment- In Act III Scene I of 'The Merchant of Venice' Shakespeare

Elaborately describe the pain with close reference to the scene.

UNIT II

REHEARSAL

Prescribed Textbook : ICSE Collection of Poems and Short Stories

1. Nine Gold Medals

Heart of a Tree

2. All Summer in a Day

Chief Seattle's Speech

Prescribed Textbook : The Merchant of Venice

Act IV: Scene I and II

All portions taught throughout the session shall be covered

Submission Date:
31.01.2022

**Project
Assignment- With
close
reference
to Robert
Brownin
g's 'The
Patriot'
bring out
the**

**whimsica
l nature
of the
public to
which the
protagon
ist falls a
victim.**

ST. FRANCIS XAVIER SCHOOL

Hindi

CLASS -X

SYLLABUS 2021-2022

UNIT-I

Prescribed Text: साहित्य सागर

CH. NO.	CHAPTERS
10	मात्रों मंदिर की ओर(देश सुभद्रा कुमारी चौहान
4	वह जन्मभूमि मेरी सोहनलाल द्विवेदी
	एकांकी संचय
6	दीपदान (त्याग बलिदान रामकुमार वर्मा
	सरस हिंदी व्याकरण और रचना
	पर्यायवाची शब्द, विलोम शब्द, संज्ञा से विशेषण
	भाववाचक संज्ञा, तत्सम, तद्भव, मुहावरे, शब्द समूह के लिए एक शब्द
	अपठित गद्यांश, पत्र लेखन, प्रस्ताव लेखन
	including Class IX syllabus

All portions taught

UNIT II

साहित्य सागर

2	गिरिधर की कुंडलियां
4	वह जन्मभूमि मेरी
5	मेघ आए
7	विनय के पद
8	भिक्षुक

All portions taught

REHEARSAL

साहित्य सागर

whole ICSE syllabus

एकांकी संचय

Whole syllabus

व्याकरण और रचना

HALF YEARLY

Prescribed Text: साहित्य सागर हां पूछो

CH. NO.	CHAPTERS
9	चलना हमारा काम है शिवमंगल सिंह सुमन
1	साखी कबीर दास
10	मात्री मंदिर की ओर सुभद्रा कुमारी चौहान
	एकांकी संचय
3	मातृभूमि का भान हरि कृष्ण प्रेमी
6	दीपदान रामकुमार वर्मा
4	सूखी डाली उपेंद्रनाथ अशक
	including class IX syllabus
	व्याकरण और रचना
	अपठित गद्यांश, निबंध लेखन, पत्र लेखन

Appropriate portions from the topics taught in Unit I and Half Yearly shall be covered

पर्यायवाची शब्द विलोम शब्द
तत्सम, तद्भव, मुहावरे
वाक्य परिवर्तन, शब्द समूह के लिए एक शब्द का प्रयोग
संज्ञा से विशेषण
भाववाचक संज्ञा
including UT I, half yearly and
class IX syllabus

Samachar Patra samajh ke gatividhiyo ka aayina hai

Subission Date : 15/06/2021

whole syllabus **All appropriate portions taught throughout the session**

Project

Dharmik tayohar ke saath judi kuch rochak ghatnao ka varnan

Subission Date : 04/0 shall be covered

ST. FRANCIS XAVIER SCHOOL
BENGALI
SESSION 2021-22
BENGALI
CLASS-X (2nd Language)
SESSION 2021-22

UNIT - I EXAMINATION

libed Text Chapter / Topics Activity

olita (Short 1. Gandhota Khub San Reference to context

Short questions and answers

2. Sa: 1. Babu Balen

Explanation

3. Gr Voice change

Narration change

Misspelt words etc.

Project to 1. Swamaj Kalyan Sadhona Chatro-Chatrider Bhumika (Composition)

2. Kho-Kho (Poem) by Amitava Dasgupta

3. Gandhota Khub Sandehojanak (Prose) by Shirsendu Mukherjee

Date Of Sumission 29th June 2021 (Tuesday)

All portions taught

HALF-YEARLY EXAMINATION

libed Text Chapter / Topics Activity

olita (Short 1. Lokti

Word meaning

2. Bama

Explanation

3. Ashojogi

Proverbs

Punctuation marks

2. Sa: 1. Kho-Kho

Voice change, Narration change, Spelling mistake

2. Amalkanti

transformation of sentences

3. Phool Futuk Na Futuk

& unit 1 syllabus

Short notes

Homonyms

One word expression

3. Gr essay writing

Reference to context

letter writing

Short questions and answers

comprehension

Synonyms

voice change

narration change

misspelt words etc.
 joint word
 transformation of sentences etc.
 punctuation mark
 synonyms, homonyms

Appropriate portions from the topics taught in Unit I and Half Yearly shall be covered

UNIT -II EXAMINATION

Prescribed Text Chapter / Topics Activity

Polita (short story) 1. Debotar Jonmo One word expression
 2. Abar Ashibo Phire Reference to context
 2. Sa 1. Phul futuk na futuk
 3. Gr Joint word, Proverbs
All portions taught

REHEARSAL EXAMINATION

Prescribed Text Chapter / Topics Activity

Polita (short story) Whole book(10 stories) Word meaning
 Prescribed by I.C.S.E) Explanation
 Proverbs
 Punctuation marks
 2. Sa Whole book(10 poems) Voice change, Narration change, Spelling mistake
 Prescribed by I.C.S.E transformation of sentences
 Short notes
 Homonyms
 One word expression
 3. Gr: Essay writing Reference to context
 Letter writing Short questions and answers
 Comprehension Synonyms
 Transformation of sentences etc.
 Punctuation Mark
 Synonyms, Homonyms
 Proverbs
 Voice change
 Narration change

Misspelt words etc.

Joint word

All appropriate portions taught throughout the session shall be covered

ST. FRANCIS XAVIER SCHOOL

HISTORY & CIVICS

Class X

Session 2021-2022

UNIT I

HALF YEARLY

Prescribed Text: Modern Indian History Contemporary World and Civics -Jacob and Tayal

Reference Book			Reference Book		
Goyal brothers (Chapters taught from both the books)			Goyal Brothers		
Ch No.	Name of the Chapter	Topic	Ch No.	Name of the Chapter	Topic
1	Revolt of 1857 First war of Independence	Political , Social , Military Economic causes , effects . Causes , formation of Indian national	5	Partition of Bengal	Causes, effects , Swadeshi and Boycott movement . Causes , objectives , Lucknow Pact, Home
2	Rise of Nationalism	Congress aims ,other associations and their aims . Objectives , Methods , demands ,	6	Formation of Muslim Rule	movement .
3	Rise of Early national	Dadabhai Naoroji , Surendranath Banerjee , Gokhale .	7	Mahatma Gandhi	Non cooperation , civil disobedience , causes impact , Simon Commission, Poorna Swaraj, Gandhi Irwin pact , Round Table conference, Cripps Mission, Quit India Movement .
<u>Civics</u>			8	National Movement	
1	The Union Legislature	Lok Sabha, Rajya Sabha Formation and function all powers of Parliament, Control on Executive		Project Work	United Nations Organs and Agencies
2	The Union executive	President qualifications , election , all powers . Vice President, Prime Minister, council, powers		Submission date:	19.8.2021
All portions taught			Appropriate portions from the topics taught in Unit I and Half Yearly shall be covered		

UNIT II

REHEARSAL

Prescribed Text: Modern Indian History Contemporary World and Civics -Jacob and Tayal

Reference Book			Reference Book		
Goyal brothers			Goyal Brothers		
Ch No.	Name of the Chapter	Topic	Ch 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 .
			14	United Nations Non Aligned movement	Organs and Agencies formation and function
10	Independence and partition of india	Cabinet Mission Plan , Indian independence act	15		Meaning , objectives , Panchsheel, role of Nehru, relevance in modern world, architects
11	First World War	Causes and effects .			

12 Rise of Dictatorship Rise of Fascism, Nazism , all domestic and foreign policies of Hitler and Mussolini , effects .

Civics

3 The Judiciary Formation and function of Supreme court and High court different subordinate court in district , Lok Adalat .

All portions taught

All appropriate portions taught throughout the session shall be covered

**ST FRANCIS XAVIR SCHOOL
GEOGRAPHY
CLASS X**

SYLLABUS 2021-2022

Text Book - Total Geography Part 2 -Morning Star

Reference Book - Comprehensive Geography -Part 2 - Frank EMU

Toposheets & Maps Work Book

UNIT I			HALF YEARLY		
Ch No.	Name of the Chapter	Topic	Ch No.	Name of the Chapter	Topic
8	Climate of India (Reference Book as w	Variations Seasons Rainfall	11	Water Resources	Importance & need for irrigation in India Sources - Surface & Groundwater Irrigation : Importance && Method Conservation of water Rainwater harvesting & Its Importance
9	Soils in India	Formation Classification & Characteristics Distribution Soil Erosion Soil Conservation	15	Agriculture in India	Importance Salient Features Problems Types of Agriculture in India
10	Natural Vegetation	Environmental Factors Types & Distribution Correlation With Environment Forest Conservation National Forest Policy	16	Agriculture in India	Food Crops Rice, Wheat ,Millet, Pulses Cash Crops Sugarcane ,Oilseeds (Groundnut , Mustard, Soyabean) Cotton ,Jute ,Tea ,Coffee
12	Minerals & Energy R Reference Book	Iron Ore , Manganese , Copper, Bauxite - Uses & Distribution	17 & 18	Agriculture in India	
13	Conventional Sources	Coal , Petroleum & Natural Gas (Distribution ,Advantages & Disadvantages. Hydel Power - Bhakra Nangal, Hirakud Dam)	1 TO 5	Interpretation of Survey Map 45D/7 & 45D/10 (A New Topo Map Book)	
14	Non Conventional Sources	-Solar, Wind, Tidal, Geo Thermal, Nuclear & Biogas (generation & Advantage)	6	Mapwork	India
Submission date : By 06.08 .21					
				PROJECT	Waste Generation & Management OR Tourist Destinations in India OR Transport in India

All portions taught

Appropriate portions from the topics taught in Unit I and Half Yearly shall be covered

UNIT II			REHEARSAL		
Ch No.	Name of the Chapter	Topic	Ch No.	Name of the Chapter	Topic
19	Agro Based Industries	Agrobased - Sugar , Textile (Cotton &	21	Transport	Roadways
20	Mineral Based Indust	Mineral based - Iron & Steel (TISCO , Bhilai Rourkela , Vishakhapatnam) Petrochemical & Electronics		Reference Book	Railways Waterways Airways Problems
6	Map Work	India	22	Impact of Waste Acc	Impact of Waste Accumulation
1 TO 6	Survey Map (A New Topo Map Book)	45D/7 & 45D/10	23	Need for Managemel	Need for Management of Waste
			24	Safe Disposal of Wa	Safe Disposal of Waste
			25	Reduce - Reuse - Re	Reduce - Reuse - Recycle
				Survey Map	45D/7 & 45D/10
				(A New Topo Map Book)	
				Map Work	India
				Project	

All portions taught

All appropriate portions taught throughout the session shall be covered

ST. FRANCIS XAVIER SCHOOL
MATHEMATICS
CLASS X
SYLLABUS 2021 -2022

UNIT I

HALF YEARLY

Prescribed Text: Understanding ICSE Mathematics			Reference Text: Concise Mathematics		
Ch. No.	Name of the Chapter	Topic	Ch. No.	Name of the Chapter	Topic
1	Goods and Service Tax	Problems on G.S.T	6	Factorization	Remainder Theorem
4	Linear Inequation	Solving Linear Inequation Representing on Number Line	11	Section Formula	Use of remainder theorem in factorization Section Formula
10	Reflection	Graphical Method Invariant point Combination of Reflection	2	Banking	Collinearity of three points Interest calculation on Recurring Deposit Problems based on Recurring Deposit
18	Trigonometric Identities (Proof)	Identities (Proof)	21	Measures of Central Tendency	Calculating Mean by different Methods Median of group data with graph (Ogive) Mode of group data with graph (Histogram)
5	Quadratic Equation	Shreedhar Acharya formula Roots and nature of roots Problem Sums	14	Locus	Construction Principle
13	Similarity	Angle & Area Principle Size transformation	7	Ratio and Proportion	Ratio and Proportion Introduction Problems based on k-method Problems based on Properties of Proportion
			22	Probability	Definition of Probability and Related Problems
			8	Matrices	Order of Matrix and Operation on Matrix Multiplication Rules of two Matrix
			12	Equation of Straight Line	Different Forms of Equations formation Conditions of parallelism and perpendicular

All portions taught

Appropriate portions from the topics taught in Unit I and Half Yearly shall be covered

Project – I : Comparing Newspaper coverage by 3 daily News papers in 3 languages for 2 different days.

Project – II : Survey of various types of Bank accounts, rates of interest offered.

(10.06.2021)

UNIT II

REHEARSAL

Prescribed Text: Understanding ICSE Mathematics			Reference Text: Concise Mathematics		
Ch. No.	Name of the Chapter	Topic	Ch. 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 & Depression	16	Construction	Tangent to a circle Circumscribed and Inscribed Circle

9 Arithmetic and Geom
Progressions
3 Share and Dividend

Problems based on Height & Distance
Finding General term
Finding the sum of first n terms
Formula of Dividend
Problems on Share and Dividend

All portions taught

Project – III : Home](11.11.2021)

REHERSAL : Full Syllabus

All appropriate portions taught throughout the session shall be covered

ST. FRANCIS XAVIER SCHOOL

PHYSICS

CLASS X

SYLLABUS 2021-2022

UNIT I

HALF YEARLY

Prescribed Text : Concise physics			Reference Book : Goyal Brothers Prakashan		
Ch. No.	Name of the Chapter	Topic	Ch.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.	8	Current Electricity	E.M.F, Potential Difference & Resistance
4	Refraction of light at plane Surface	Parallel Block, Prism Relation	7	Sound	Vibration, Resonance
		All portions taught		PRACTICAL	As per ICSE Syllabus
				Appropriate portions from the topics taught in Unit I and Half Yearly shall be covered	

UNIT II

REHEARSAL

Prescribed Text : Concise physics			Reference Book : Goyal Brothers Prakashan		
Ch. No.	Name of the Chapter	Topic	Ch. No.	Name of the Chapter	Topic
11	Calorimetry	Specific Heat Capacity, Latent Heat	9	Household Circuit	Power Supply, Electric Household Appliances
12	Radioactivity	Nature and properties of alpha, beta and gamma radiation. Nuclear fission and fusion.	10	Electro Magnetism	Electric Bell, D.C Motor A.C Generator & Transformer
		All portions taught		PRACTICAL	As per ICSE Syllabus
				Full (ICSE Class X) Syllabus 12 chapters (Revision Lesson)	
				All appropriate portions taught throughout the session shall be covered	

ST. FRANCIS XAVIER SCHOOL
CHEMISTRY
CLASS X
SYLLABUS 2021-22

UNIT I

HALF YEARLY

CONCISE CHEMISTRY BY SELINA

CONCISE CHEMISTRY BY SELINA

Chapter No.	Name of the Chapter	Topic	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	3	Acid, bases and salts	Physical and chemical properties of acids, bases and salts Preparations Types of salts and their examples Water of crystallisation
2	Chemical bonding	Types of chemical bonding Electron dot diagram Redox reaction Co-ordinate bond	4	Analytical chemistry	Uses of ammonium hydroxide and sodium hydroxide and their standard tests.
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 All portions taught	8	Study of compounds	Hydrogen chloride, ammonia, nitric acid sulphuric acid
			Practical Chemistry Observations based on ICSE syllabus.		
			Appropriate portions from the topics taught in Unit I and Half Yearly shall be covered		

UNIT II

REHEARSAL

CONCISE CHEMISTRY BY SELINA

CONCISE CHEMISTRY BY SELINA

Chapter No.	Name of the Chapter	Topic	Chapter No.	Name of the Chapter	Topic
6	Electrolysis	Concept about electrolysis Electrochemical series Examples of electrolysis Applications of electrolysis	7	Metallurgy	Metals and non-metals Study of activity series of metals Extraction of metals Uses of metals and alloys
12	Organic chemistry	Organic compounds, IUPAC Nomenclature Alkanes, alkenes, alkynes, alcohols and carboxylic acids- Preparation, properties, identification tests and uses. All portions taught	10	Practical Chemistry	Observations based on ICSE syllabus. Practical based on ICSE syllabus.
			All appropriate portions taught throughout the session shall be covered		

ST FRANCIS XAVIER SCHOOL
BIOLOGY
CLASS X
SYLLABUS 2021-22

UNIT I

HALF YEARLY

Prescribed Text

ICSE Concise Biology - 10 Selina

Ch. No	Name of the Chapter	Topic	Ch.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
			11	Sense Organs	Structure of the eye Structure of the ear
			12	Endocrine system	Hormones and enzymes Different endocrine glands Control of hormone secretion
			13	Reproductive system	Male reproductive system Female reproductive system Menstrual cycle

Topics to be covered as per ICSE syllabus

All portions taught

Appropriate portions from the topics taught in Unit I and Half Yearly shall be covered

UNIT II

REHEARSAL

Prescribed Text

ICSE Concise Biology - 10 Selina

Ch.No Name of the Chapter

Topic

Ch.No Name of the Chapter

Topic

15 Population Reason for population explosion
Terms and definition
Methods of contraception
1 Cell Components of cell and their function
2 Structure of chromosome Types of division
Mitosis and its stages
Meiosis and its stages
Chemical composition
Structure of DNA

3 Genetics Mendel's experiments
Mono and dihybrid crosses
Definition
Sex linked inheritance
7 Chemical coordination Site of formation of plant hormones
plants Effects of plant hormones
Tropic movements
14 Human evolution Human evolution
Lamarckism and darwinism
16 Pollution- A Rising Pollution [air, water, soil, thermal, noise]
Environmental Effects on climate and environment
Pollution Problem Ozone depletion
Syllabus for finals 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15,16
Practical as per ICSE Syllabus

Practical File is to be submitted by 22 / 11 / 2021

All portions taught

All appropriate portions taught throughout the session shall be covered

ST. FRANCIS XAVIER SCHOOL
COMPUTER APPLICATIONS
CLASS X
SYLLABUS 2021-2022

UNIT I

HALF YEARLY

LOGIX Computer Applications			LOGIX Computer Applications		
Ch No.	Name of the Chapter	Topic	Ch No.	Name of the Chapter	Topic
1	OOP concept	OOP	5	User Defined Method	Function definition
2	Introduction to Java	What is object, Encapsulation, class			advantages, invoking methods
3	Values and Data types	Abstraction, Object factory			Returning from a function
4	operators in Java	Byte code, Operation & expression			pure & impure method
6	input in java	Data types, Tokens, Variables			Function overloading
7	mathematical library	Constants, byte code, compilation of java			Calling of overloaded functions
8	conditional constructs	Method main			call by value (programs), call by reference
9	Iterative constructs in	Java character set			(only definition with an example.)
		Decision making Statements			static and nonstatic methods
		Programming structure	11	Constructors	What is a constructor? Need of it.
Revising basic java concept	Selection statement (if and switch)				Types of constructor, this keyword
	Obtaining input using Scanner class				constructor overloading.
	Object, Class		15	String Handling	Constructor vs Method
	Member variables				Creating string
	Object implementation				Methods used in string- Definition with an ex
	Instantiating an object, Access specifier				String array
	Object as an instance of class				
14	Arrays	Need of arrays, Creating an array	Project Work (20 programs from class object concept, If else & switch, loop, Constructor, Method overloading, String functions)		
		Types- Single dimensional array	Ch- 1,2,3,4,5,6,7,8,9,11,14,15 & project submission (1st part)		
		storing value in 1D array	& project submission on or before 02/08/2020 (1st part)		
		Searching: Linear & Binary Search			
		Sorting: Selection & Bubble Sorting			
		Accepting data in 2D array, sum of the elements row, column, and diagonal element			
		Array in matrix format. Arrays vs. object.			
		Advantages and disadvantages of arrays			
	All portions taught		Appropriate portions from the topics taught in Unit I and Half Yearly shall be covered		

UNIT II

REHEARSAL

LOGIX Computer Applications**LOGIX Computer Applications**

Ch No.	Name of the Chapter	Topic	Ch No.	Name of the Chapter	Topic
13	Encapsulation & Inher	Encapsulation, Access specifier Scope and visibility rules Implementing encapsulation	12	Library classes	Primitive, Composite datatypes User defined data types Wrapper class Methods in wrapper class Numeric wrapper class methods Utility of wrapper class methods Auto Boxing and Un Boxing in Wrapper Clas
9	Iterative Constructs in	For loop While loop Do while loop Nested loops Comparison of loops & jump statement			
10	Nested for loop	Nested loop with break and continue			

Syllabus for Annual**Ch 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15 & practical programs .****(20 programs from the assignment sheet)****Project Submission (2nd part) & project submission on or before 06/12/2021 (2nd part)****All portions taught****All appropriate portions taught throughout the session shall be covered**

**ST. FRANCIS XAVIER SCHOOL
COMMERCIAL STUDIES
CLASS X
SYLLABUS 2021-2022**

UNIT I

Prescribed Text: ICSE GOYAL BROTHERS PRAKASHAN BY

Reference Book: Elementary Commercial Studies (ABS Publishi

Ch No.	Name of the Chapter	Topic
1	Stakeholders in Commercial Organisations	Meaning of stakeholders Distinction between stakeholders and shareholders Internal and External stakeholders. Expectations of stakeholders. Stakeholders Analysis.
2	Marketing and Sales	Meaning of marketing. Objectives of Marketing Difference between Marketing and Sales Defference between Product & Service Meaning and objectives of Pricing Introduction and Benefits over traditional Methods of transactions
5	E Commerce	E -tailing, E advertising,E- marketing, E- security and ERP(meaning)
8	Cooperative Society	Definition, Characteristics and Types Principals, Objectives, Merits & Demerits Differences

Topics to be covered as per ICSE syllabus
 Project File is to be submitted by 15/ 6/2021

All portions taught

UNIT II

Prescribed Text: ICSE GOYAL BROTHERS PRAKASHAN BY

Reference Book: Elementary Commercial Studies (ABS Pub

Ch No.	Name of the Chapter	Topic
11	Recruitment, Selection and Training	Meaning, Sources of Internal, External Advantages and Disadvantages of Internal and External Sources Selection-Meaning, Steps and Types of Selection Test. Training - Meaning, Objectives and Methods of Training.
12	Industrial Relations, Trade Unions and Social	Meaning and Objectives of Industrial Relations Meaning and Functions of Trade Unions Social Security-Concept Reference to Provident Fund, Gratuity, Pension Group Insurance and Maternity Benefits New Pension Scheme
13	Logistics and Insurance	Meaning and Classifications of Logistics Transportation - Modes of Transportations, Merits and Demerits of Transportatio Warehousing- Meaning, Importance and Types Insurance- Meaning, Types and Principles of insurance.

Projects (Any three)

- 1 Meet ten responsible persons of your town and ask them whether they know the six rights of a consumer provided under the Consumer Protection Act.
- 2 From the daily newspaper which your family buys, select 5 different advertisements which fulfil the maximum of requirements the most people.
- 3 Collect the annual report of at least two companies. Study the balance sheets given in the reports.
- 4 Meet the owner/manager of a business firm selling some service. Enquire from him the unique characteristics of the service sold.

ST. FRANCIS XAVIER SCHOOL
ECONOMIC APPLICATIONS
CLASS X
SYLLABUS 2021-2022

UNIT I

ICSE Economic Applications - Goyal Brothers Prakashan

Ch No.	Chapter Name	Topic
1	Theory of Demand	Meaning of Demand Determinants of Demand Law of Demand Movement along and shift in Demand Curve Measurement of Elasticity of Demand Income Elasticity of Demand Cross Elasticity of Demand
2	Theory of Supply	laws of Supply Importance and measurement of elasticity of Supply.
3	The Productive Mechanism	Introduction Definition Determinants of the volume of Production Factors of Production
4	Factors of Production	Meaning Methods and importance of Creation of Utility Difference between Production and Consumption Factors of Production Factors Affecting The Volume of Production

All portions taught

UNIT II

ICSE Economic Applications - Goyal Brothers Prakashan

Ch No.	Chapter Name	Topic
10	Money and Banking	Definition, Functions, Importance Money and its Function and Features Barter System of Exchange and its difficulties Evils of Money Meaning, Types, Effects Banking Meaning, Classifications and Functions Meaning, Basic Concepts, Mechanism of Credit Creation by Single and Multiple Banks
		Definition, Evolution and Functions Importance of Central Bank Comparison between Central and Commercial Bank

All portions taught

Projects: (Any four)

- 1 Prepare a Report on the Problems and Prospects of any Public Sector Enterprises.
- 2 Prepare a detailed report on various ecosystems available in India.
- 3 Make a list of products for which you think demand is price inelastic and price elastic. Specify the reasons.
- 4 Take a case of 5 FMGCs. Analyze as to how the market for this products is characterised by the product differentiation
- 5 Take a case of nationalised bank. Analyse the main functions of this bank branch.

ST.FRANCIS XAVIER SCHOOL
SOCIALLY USEFUL PRODUCTIVE WORK
SESSION 2021-2022
CLASS X

UNIT -1

TOPIC

Each one teach one

UNIT -2

TOPIC

Medicinal plant.

ST. FRANCIS XAVIER SCHOOL
PHYSICAL EDUCATION
CLASS – X
SYLLABUS 2021 – 2022

UNIT -1

TOPICS & COMMANDS	BENEFITS & VALUES
*General Warm-ups *Yoga Exercises *Indoor Games - Carom board, Table Tennis, Chess, Ludo *March past	Improving body flexibility Stress relief, helps digestion Developing mental ability & Psychomotor skills Development of co-ordination skills

UNIT -2

TOPICS & COMMANDS	BENEFITS & VALUES
Stretching exercise Tug of War Balance race Relay race	To increase strength and body flexibility Improving body strength Improvement of body balance Improvement of stamina

* The marked activities will be continued throughout the session

	HALF YEARLY
C.B.Gupta	
ng House)	

Ch No.	Name of the Chapter	Topic
3	Advertising and Sales	Meaning , Importance,merits and Difference between Advertising and Advertising Agency,Meaning and Social Advertising Media-Concept Sales Promotion-Meaning,Techniques Difference between Advertising and Sales
4	Consumer Protection	Consumer Protection at 1986 Features of the Act,Rights of a Consumer Consumer Exploitation Meaning and Types Importance of Consumer Awarness
6	Capital and Revenue Expenditure/Income	Capital and Revenue Receipts and Expenditure And their Differences
7	Final Accounts of Sole Proprietorship	Meaning and Preparation of Trading Profit and Loss Account & Balance sheet
9	Budgeting	Meaning and Utility of Budgeting Comparison between Budgeting and Types of Budgets,and their Meaning only
10	Sources of Finance	Capital Market- Meaning and Functions Sources of Raising Capital-long term and Meaning of Shares,and debentures types Short Term- Loans from Commercial Banks

**Appropriate portions from the topics taught in Unit I and
Half Yearly shall be covered**

	REHEARSAL
C.B.Gupta	
ublishing House)	

Ch No.	Name of the Chapter	Topic
14	Banking	Central Bank- Meaning and Functions Difference between Central Bank and Internet Banking-Modes of Transferring NEFT,RTGS,IMPS, mobile wallets- ATM,Credit and Debit Cards- Meaning Cautions to be taken while using these cards Financial fraudulent practises- Credit intellectual property fraud,internet and A brief understanding of these types of
15	Striving for a better Environment	Environment Protection Act 1986- Central Pollution Control Board Syllabus Full Book as per ICSE Syllabus

ns of

Project File is to be submitted by 28/ 8/2021

lar

HALF YEARLY**ICSE Economic Applications - Goyal Brothers Prakashan**

Chapter		
Ch No.	Name	Topic
4	Land	Introduction Characteristics Importance of Land Factors Affecting The Production of Land Methods of Cultivation and their features
5	Labour	Introduction Types of Labour Characteristics Importance of Labour Factors Affecting The Production of Land Division of Labour Merits and Demerits of Efficiency of Labour Causes of Low Efficiency in India
6	Capital	Definition Characteristics Functions and Importance of Capital Factors Affecting Capital Formation Causes of Low Capital Formation
7	Enterprise	Definition Distinction Between Entrepreneur and other human factors Qualities and Importance of Entrepreneur
8	Alternative	Basic Concept of Market Nature and Structure of Markets Classification of market on the basis of time, competition, function, control and transaction Different types of market and their

differentiation

**Appropriate portions from the topics taught in Unit I and
Half Yearly shall be covered**

Submission date for project -**31/8/2021**

REHEARSAL

ICSE Economic Applications - Goyal Brothers Prakashan
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Chapter

Ch No.	Name	Topic
9	The State and Economic Developm	Role of State in Promoting Economic Instruments of State Intervention/ Fiscal Policy - Meaning and Objectives Taxation - Nature of Taxes, Direct and Proportional, Progressive, Regressive and Which Tax System is Suitable? Public Expenditure - Types and its Monetary Policy - Meaning

All chapters as prescribed by the ICSE syllabus

Submission date 4/1/2022

**All appropriate portions taught throughout the session
shall be covered**

HALF YEARLY

TOPIC

Pen Stand

REHEARSAL

TOPIC

Laundry work

HALF YEARLY

TOPICS &	BENEFITS &
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*Stretching exercise	Body Flexibility
Flat race-100m.,200r	Improvement of
Fitness Training-	Developing body
*Outdoor Games	Development of

REHEARSAL

TOPICS &	ENEFITS & VALU
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Fitness Training-	To increase
Spoon and Marble R	Improvement of

PROJECT: Biography of any ideal