

**ST. FRANCIS XAVIER SCHOOL  
SYLLABUS FOR CLASS XI COMMERCE  
ACADEMIC SESSION 2021-22**

**ENGLISH LANGUAGE**

**Prescribed Text Book : Total English (By Pamela Pinto and Xavier Pinto)**

<b>UNIT I</b>		<b>UNIT II</b>	
<b>CHAPTER NO.</b>	<b>TOPIC</b>	<b>CHNO.</b>	<b>TOPIC</b>
Unit 1	A :Simple, Compound and Complex Sentences B: Directed Writing - I and Proposal Writing C : Phrasal Verbs Specimen Paper I ( Solved)	Unit 9	A : Conditional Sentences ( 2) B : Characterisation C : Phrasal Verbs D :Specimen Paper 9
Unit 2	A : Transformation of Sentences ( I) B : Creative Writing C : Phrasal Verbs D :Specimen Paper 2	Unit 10	A :Direct and Indirect Speech B : Narrative Composition C : Homophones D : Specimen Paper 10
Unit 3	A : Agreement of Subject and verb B : Atmosphere in Creative Writing C : Phrasal Verbs D :Specimen Paper 3	Unit 11	A :Transformation of Sentences ( 2) B : Argumentative Composition C : : Homophones D : Specimen Paper 11
Unit 4	A : Tenses and their use ( I) B : Composition - Organisation C : Phrasal Verbs D :Specimen Paper 4	Unit 12	A : Use of Adjectives B : Descriptive Composition C : Correct Use of Words D : Specimen Paper 12
<b>SYLLABUS FOR UNIT TEST 1</b>		<b>SYLLABUS FOR UNIT TEST II</b>	

Appropriate portions from the topics taught in Unit I shall be covered		Appropriate portions from the topics taught in Unit II shall be covered	
<b>HALF YEARLY</b>		<b>ANNUAL</b>	
<b>CHAPTER NO</b>	<b>TOPIC</b>	<b>CHAPTER NO</b>	<b>TOPIC</b>
Unit 5	A :Tenses and their use ( 2) B : Short Stories C : Phrasal Verbs D :Specimen Paper 5	Unit 5	A :Tenses and their use ( 2) B : Short Stories C : Phrasal Verbs D :Specimen Paper 5
Unit 6	A : Active and Passive Voice B : Directed Writing - II C : Phrasal Verbs D :Specimen Paper 6	Unit 6	A : Active and Passive Voice B : Directed Writing - II C : Phrasal Verbs D :Specimen Paper 6
Unit 7	A : Sequence of Tenses B : Description of characters C : Phrasal Verbs D :Specimen Paper 7	Unit 7	A : Sequence of Tenses B : Description of characters C : Phrasal Verbs D :Specimen Paper 7
Unit 8	A : Conditional Sentences ( I) B : Directed Writing 3 C : Phrasal Verbs D :Specimen Paper 8	Unit 8	A : Conditional Sentences ( I) B : Directed Writing 3 C : Phrasal Verbs D :Specimen Paper 8
<b>SYLLABUS FOR HALF YEARLY</b>		<b>SYLLABUS FOR ANNUAL</b>	
Composition – Descriptive, Reflective, Narrative, One word Essays, Argumentative, Story Writing Comprehension Report Writing (Dated, undated), Personal Profile Review ( All types ), Speech, Article, Proposal Writing, Grammar ( Transformation of Sentences, Phrasal Verbs/ Prepositions, Tense) Listening Skill/ Speaking Skill		Composition – Descriptive, Reflective, Narrative, One word Essays, Argumentative, Story Writing Comprehension Report Writing (Dated, undated), Personal Profile Review ( All types ), Speech, Article, Proposal Writing, Grammar ( Transformation of Sentences, Phrasal Verbs/ Prepositions, Tense) Listening Skill/ Speaking Skill	

**PROJECT TOPICS : Description of any Sports Events**Project submission date : Ist draft :on or before 13<sup>th</sup> August2nd draft on or before 30<sup>th</sup> November

**ST. FRANCIS XAVIER SCHOOL**  
**SYLLABUS FOR CLASS XI COMMERCE**  
**ACADEMIC SESSION 2021-22**  
**ENGLISH LITERATURE**

<b>UNIT I</b>			<b>UNIT II</b>		
<b>Prescribed Text Book</b>	<b>Chapter No</b>	<b>CONTENTS</b>	<b>Prescribed Text Book</b>	<b>Chapter No</b>	<b>CONTENTS</b>
Echoes : A Collection of ISC Short Stories	1	Salvatore : W. Somerset Maugham,	Echoes : A Collection of ISC Short Stories	7	Gorilla in the Guest Room - Gerald Durrel
	2	Fritz : Satyajit Ray			
Reverie : A Collection of ISC Poems	4	The Gift of India - Sarojini Naidu	Reverie : A Collection of ISC Poems	7	Desiderata - Max Ehrmann
The Tempest		Act - I (Sc1, 2 till the portion taught)	The Tempest		Act 2 ( full) , Act 3 (Sc 1)
<b>SYLLABUS FOR UNIT TEST 1</b>			<b>SYLLABUS FOR UNIT TEST II</b>		
Echoes: Salvatore, Fritz Reverie :The Gift of India The Tempest : Act 1 ( Sc 1 full and sc 2 till the portion taught)			Echoes : Fritz, Gorilla in the Guest Room Reverie : Dolphins, Desiderata The Tempest : Act 2 ( full)		
<b>HALF YEARLY</b>			<b>ANNUAL</b>		
Echoes : A Collection of ISC Short Stories	3	Quality : John Galsworthy	Echoes : A Collection of ISC Short Stories	6	The Chinese Statue - Jeffrey Archer
	6	John Brown - Bob Dylan			
Reverie : A Collection of ISC Poems		Dolphins : Carol Anne Duffy	Reverie : A Collection of ISC Poems	9	The Spider and the Fly - Mary Howitt

The Tempest	Act 1 (Sc 1, 2), Act 2 ( sc 1)	The Tempest	Act - 3 (Sc 2, 3)
<b>SYLLABUS FOR HALF YEARLY</b>		<b>SYLLABUS FOR ANNUAL</b>	
Echoes: Salvatore, Fritz, Quality Reverie :The Gift of India, Dolphins, John Brown The Tempest : Act 1 (full) and Act 2 ( till the portion taught)		Echoes : Salvatore, Fritz, Quality, Gorilla in the Guest Room, The Chinese Statue. Reverie :The Gift of India, Dolphins, John Brown, Desiderata, The Spider and the Fly The Tempest : Act 1, 2, 3 (full)	
<b>PROJECT TOPICS</b>	Analyse the plot of the play - The Tempest / Analyse any character of the play -The Tempest / Summary of any poem from the syllabus		

**ST FRANCIS XAVIER SCHOOL  
SYLLABUS FOR CLASS XI COMMERCE  
ACADEMIC SESSION 2021-22  
HINDI**

UNIT I			UNIT II		
Prescribed Text Book	Chapter No	CONTENTS	Prescribed Text Book	Chapter No	CONTENTS
गद्य संकलन	1	पुत्र प्रेमप्रेमचंद्र - प्रेमचंद्र	गद्य संकलन	5	आउट साइडर - अमरकांत
	2	गौरी - सुभद्रा कुमारी चौहान		6	दासी जयशंकर प्रसाद
काव्य मंजरी	1	बाल लीला - सूरदास			आषाढ का एक दिन (19-27)
	2	एक फूल की चाह - सियारामशरण गुप्त			व्याकरण
		व्याकरण			<b>अशुद्ध वाक्यों को शुद्ध करें</b>
		अशुद्ध वाक्यों को शुद्ध करना			<b>आगरे का वाक्य में प्रयोग</b>
		मुहावरों का वाक्य में प्रयोग			अपठित गद्यांश
		अपठित गद्यांश, निबंध लेखन			निबंध लेखन
<b>SYLLABUS FOR UNIT TEST I</b>			<b>SYLLABUS FOR UNIT TEST II</b>		
पुत्र प्रेमप्रेमचंद्र – प्रेमचंद्र, गौरी - सुभद्रा कुमारी चौहान बाल लीला – सूरदास ,एक फूल की चाह - सियारामशरण गुप्त व्याकरण-अशुद्ध वाक्यों को शुद्ध करना मुहावरों का वाक्य में प्रयोग			आउट साइडर -अमरकांत, दासी- जयशंकर प्रसाद , आषाढ का एक दिन (19-27) व्याकरण अशुद्ध वाक्यों को शुद्ध करें, आगरे का वाक्य में प्रयोग		

HALF YEARLY			ANNUAL		
Prescribed Text Book	Chapter No	CONTENTS	Prescribed Text Book	Chapter No	CONTENTS
	1	शरणागत		1	क्या निराश हुआ जाए
	2	सती		2	गौरी
	5	नदी के द्वीप		3	शरणागत
	6	तुलसीदास के पद		4	सती
	7	जाग तुझको दूर जाना	काव्य मंजरी	9	बादल को घिरते देखा है - नागार्जुन
		<b>आषाढ़ का एक दिन ( 9-18 तक)</b>		6	<b>तुलसीदास के पद - तुलसीदास</b>
		<b>व्याकरण</b>		3	एक फूल की चाह - सियाराम शरण गुप्त
		अशुद्ध वाक्य को शुद्ध करना, मुहावरों का वाक्य में प्रयोग		4	जाग तुझको दूर जाना - महादेवी वर्मा
		अपठित गद्यांश, निबंध लेखन			आषाढ़ का एक दिन (1-27)
SYLLABUS FOR HALF YEARLY			SYLLABUS FOR ANNUAL		
पुत्र प्रेमप्रेमचंद्र – प्रेमचंद्र, गौरी - सुभद्रा कुमारी चौहान बाल लीला – सूरदास , एक फूल की चाह - सियारामशरण गुप्त व्याकरण-अशुद्ध वाक्यों को शुद्ध करना मुहावरों का वाक्य में प्रयोग, अपठित गद्यांश, निबंध लेखन			क्या निराश हुआ जाए, गौरी आउट साइडर - अमरकांत, दासी-जयशंकर प्रसाद , आषाढ़ का एक दिन (19-27), बादल को घिरते देखा है , जाग तुझको दूर जाना , व्याकरण अशुद्ध वाक्यों को शुद्ध करें,, मुहावरों का वाक्य में प्रयोग , अपठित गद्यांश, निबंध लेखन		
Project : Bharatiya Narike Badalte Rup			Project : Samajsewa Sacchi Manav seva		
Project submission date : Ist draft :on or before 13 <sup>th</sup> August			Project submission date : Final :on or before 30 <sup>th</sup> November		

**ST FRANCIS XAVIER SCHOOL**  
**SYLLABUS FOR CLASS XI COMMERCE**  
**ACADEMIC SESSION 2021-22**

**BENGALI**

<b>UNIT I</b>			<b>UNIT II</b>		
<b>Prescribed Text Book</b>	<b>Chapter No</b>	<b>CONTENTS</b>	<b>Prescribed Text Book</b>	<b>Chapter No</b>	<b>CONTENTS</b>
Probandho O Gadhya Sankolan	1 2	Thakurda Jorasankor dhare	Probandho O Gadhya Sankolan	5 6	Record BirjoSulka
Kabita Sankolan	1 2	Ora kaj kore Pub paschim	Kabita Sankolan	5 6	Salamaner Maa Baborer Prarthona
Koni		Chapter no 1,2,&3	Koni		Chapter No 7,8 ,9
Grammar		Misspelt words Proverbs Join in one word	Grammar		Misspelt words Proverbs Join in one word
<b>SYLLABUS FOR UNIT TEST 1</b>	Appropriate portions from the topics taught in Unit I shall be covered		<b>SYLLABUS FOR UNIT TEST II</b>	Appropriate portions from the topics taught in Unit II shall be covered	
<b>HALF YEARLY</b>			<b>ANNUAL</b>		
Probandho O Gadhya Sankolan	3 4	Taser Ghar Anachar	Probandho O Gadhya Sankolan	7. 8.	Aadab Lachmaner Maa
Kabita Sankolan	3 4	Bonolata Sen Barnoparichoy	Kabita Sankolan	7.	Jodi Nirbasan Dao

Koni		Chapter No 4,5 ,6	Koni		Ch. No. 10 & 11 & Unit II Syllabus
Grammar		Essay writing Comprehension Transformation of sentences etc. Punctuation Mark Synonyms, Homonyms Proverbs Voice change Narration change Misspelt words etc. Joint word	Grammar		Essay writing Comprehension Transformation of sentences etc. Punctuation Mark Synonyms, Homonyms Proverbs Voice change Narration change Misspelt words etc. Join word
<b>SYLLABUS FOR HALF YEARLY</b>			<b>SYLLABUS FOR ANNUAL</b>		
All Chapters taught in Unit 1 and appropriate portions from Half Yearly			All the chapters taught in Unit 1 , Half Yearly , Unit II and Annual		
<p><b>Project topics :</b>  Jol, Bayu o Sobdodushon Ebong Tar Protikar (Composition)  Thakurda (Prose) by Ranindranath Tagore  Pub paschim (Poem) by Achinta Kumar Sengupta  Project submission date : Ist draft :on or before 13<sup>th</sup> August  Final :on or before 30<sup>th</sup> November</p>					

**ST FRANCIS XAVIER SCHOOL**  
**SYLLABUS FOR CLASS XI COMMERCE**  
**ACADEMIC SESSION 2021-22**  
**COMPUTER SCIENCE**  
**Prescribed Text Book : ISC Computer Science With Java**

<b>UNIT I</b>			<b>UNIT II</b>		
C H. NO.	NAME OF THE CHAPTER	TOPICS	C H. NO.	NAME OF THE CHAPTER	TOPICS
1	Data Representation	Number Systems, Conversions, Binary Arithmetic (Addition, Subtraction, Multiplication)etc.	9	Exception Handling	Program Error Types, Exception Errors, Exception handling, ExceptionHierarchy etc..
3	General OOP Concepts	Evolution of software, OOP Concepts etc.	10	Using Library Classes	Using Library classes, Packages Wrapper classes, Working with Strings, Packages etc..
4	Introducing Java	Creating & running java program (UsingBlue Java) ,related commands etc.	12	Operations on Files	Text Files, Binary Files
7	Classes in Java	Composite type, encapsulation, JVM,Bytecode etc.	13	Trends in Computing & Ethics	Trends in Computing &Ethical Hacking, Piracy, Computer crime,Email and its use,
<b>SYLLABUS FOR UNIT TEST 1</b>			<b>SYLLABUS FOR UNIT TEST II</b>		
Appropriate portions from the topics taught in Unit I shall be covered			Appropriate portions from the topics taught in Unit II shall be covered		



<b>HALF YEARLY</b>			<b>ANNUAL</b>		
CH. NO.	NAME OF THE CHAPTER	TOPICS	CH. NO.	NAME OF THE CHAPTER	TOPICS
2	Propositional Logic & Hardware	Propositional Logic, Laws of Boolean Algebra, Logic Gates, Adders etc.	1	Revision	Propositional Logic, Laws of Boolean Algebra, Logic Gates, Adders etc.
5	Java Fundamentals	Character set, tokens, data types, variables, their types, uses operators etc.	2	Revision	Character set, tokens, data types, variables, their types, uses operators etc.
6	Flow of Control	for loop, while loop, do-while loop, nested loop, input output examples etc.	5	Revision	for loop, while loop, do-while loop, nested loop, input output examples etc.
11	Arrays	Types of Arrays -1D, 2D, Sorting-Bubble,	8	Revision	Call by value, Call by Reference, constructor overloading, recursion etc.
8	Functions / Methods	Call by value, Call by Reference, constructor overloading, recursion etc.			
<b>SYLLABUS FOR HALF YEARLY EXAMINATION</b> INCLUDING PROJECT WORK			<b>SYLLABUS FOR ANNUAL EXAMINATION</b>		
Theory – Chapters 1,2,3,4,5,6,7,8,11(From Text Book) Practical-Assignment File:- Total 10 Programs from Chapter 1(String Encoding, Conversion from another), Chapter 6(Loops), Chapter 8			Theory – Chapters All Practical- (From Textbook, ISC Important Programs, ISC Resources Notes ) Assignment File:- Total 20 Programs from		

(Programs using functions) Submission-File to be submitted on or before 25th of August, 2020 Project on vehicle routing, movie ticket reservation, Arduino simulation etc.	Chapter 1(String Encoding, Conversion from one Number System to another), Chapter 6(Loops), chapter 8 (Programs using functions, recursion), Chapter 12(Files) Chapter 11( 1 dimensional arrays, 2 dimensional arrays or matrices, Strings), Submission-File to be submitted by 4th December, 2021
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**ST. FRANCIS XAVIER SCHOOL**  
**SYLLABUS FOR CLASS XI COMMERCE**  
**ACADEMIC SESSION 2021-22**  
**ACCOUNTS**

**PRESCRIBED TEXT BOOK-ISC ACCOUNTS BY VASSAN**

UNIT I			UNIT II		
CH. NO.	TOPIC	CONTENTS	CH. No.	TOPIC	CONTENTS
1-6	Introduction to Accounting	Accounting- meaning, significance, basic terms Double Entry System, Traditional and Modern concepts Accounting Equation Accounting Principles and Conventions	21	Rectification of Errors	Rectification of Errors before and after preparation of Trial Balance
7,8,13	Journal, Ledger, Trial Balance	Preparation of Journal, Ledger, Trail Balance	17	Bills of Exchange	Meaning, Preparation of Accounts under different categories-retention, discounting, endorsement, bills sent for collection.
9-11	Cash Book	Preparation of Cash Book- Single, Double, Triple column Cash Book Petty Cash Book	20	Final Accounts with Adjustments	Preparation of Final Accounts from Trial Balance with adjustments

<b>SYLLABUS FOR UNIT TEST I</b>			<b>SYLLABUS FOR UNIT TEST II</b>		
Appropriate portions from the topics taught in Unit I shall be covered			Appropriate portions from the topics taught in Unit II shall be covered		
<b>HALF- YEARLY</b>			<b>ANNUAL</b>		
4	Depreciation	Meaning, Preparation of Depreciation Account using WDV and SLM	4	Non- Trading Organisations	Concept and Meaning, Preparation of Receipts and Payments, Income and Expenditure Accounts, Balance Sheet
5	Bank Reconciliation Statement	Meaning, Preparation of BRS with favourable and unfavourable balances	5	Single Entry	Preparation of Statement of Affairs and ascertainment of profit from incomplete records
6	Final Accounts without Adjustments	Concept of Capital and Revenue, Provisions, Reserves Preparation of Final Accounts from Trial Balance			
<b>SYLLABUS FOR HALF YEARLY EXAMINATION</b>			<b>SYLLABUS FOR ANNUAL EXAMINATION</b>		
Chapters taught in unit I + half yearly + project work + viva			Entire Syllabus for class XI+ project work + viva		
<p align="center"><b>PROJECT TOPICS</b></p> <ol style="list-style-type: none"> <li>1. Journal, Ledger, Trial Balance &amp; Final Accounts</li> <li>2. Bank Reconciliation Statement with Amended Cash Book</li> <li>3. Preparation of books of accounts under Single Entry System</li> </ol>					
Date of Submission of 1st Project: 15.06.2021					

Date of Submission of 1st Project: 15.10.2021

**ST FRANCIS XAVIER SCHOOL**  
**SYLLABUS FOR CLASS XI COMMERCE**  
**ACADEMIC SESSION 2021-22**  
**COMMERCE**

**Prescribed Text Book : ISC Commerce (By CB Gupta)**

<b>UNIT I</b>			<b>UNIT II</b>		
<b>CH. NO.</b>	<b>TOPIC</b>	<b>CONTENTS</b>	<b>CH. NO.</b>	<b>TOPIC</b>	<b>CONTENTS</b>
1-3	Nature and Purpose of Business	Classification of Human activities Definition, concept of business activities, Industry, Commerce, Branches of Commerce, business objectives	13	Emerging Modes of Business	E-business, Outsourcing, Smart Cards
4-5	Forms of Business Organisation	Introduction to Business Organisations Sole Trader	14	Stock Exchange	Meaning, Importance, Services, Types of Operators SEBI - Functions & Objectives
			9-10	Public Sector Undertakings	Meaning, Characteristics, Objectives, Role, Forms Public Private Partnerships - Meaning & Features

			15-16	Trade	Wholesalers - Meaning & Services Retail Trade - Meaning, Services, Types of Retail Trade
<b>SYLLABUS FOR UNIT TEST I</b>			<b>SYLLABUS FOR UNIT TEST II</b>		
Appropriate portions from the topics taught in Unit I shall be covered			Appropriate portions from the topics taught in Unit II shall be covered		
<b>HALF- YEARLY</b>			<b>ANNUAL</b>		
6-8	Forms of Business Organisation (contd.)	Partnership, Joint Stock Company - meaning, features, merits, demerits, objectives. Stages of formation- Promotion Incorporation, MoA, AoA, Commencement of business, Prospectus, Statement in lieu of Prospectus Types of Companies Global Enterprises	17-22	Foreign Trade	Meaning, Features, Difference between Internal & External Trade Export Trade & Import Trade Documents used in International Trade
11	Cooperative Organisation	Meaning, Characteristics, Types	23-24	Insurance	Meaning, Objectives Principles of Insurance Types of Insurance
12	Social Responsibility Business- Business Ethics	Concept & Need for Social Responsibility Concept of Business Ethics			

<b>SYLLABUS FOR HALF YEARLY EXAMINATION</b>	<b>SYLLABUS FOR ANNUAL EXAMINATION</b>
Chapters taught in unit I + half yearly + project work + viva	Entire Syllabus for class XI+ project work + viva
<p><b>PROJECT TOPICS</b></p> <p><b>PROJECT:</b></p> <ol style="list-style-type: none"> <li>1. Any two Public Private Partnership Projects</li> <li>2. Insurance</li> <li>3. Select a product and trace its origin from beginning to end.</li> </ol>	
<p>Date of Submission of 1st Project: 15.06.2020</p> <p>Date of Submission of 2nd Project: 17.10.2020</p>	

**ST. FRANCIS XAVIER SCHOOL**  
**SYLLABUS FOR CLASS XI COMMERCE**  
**ACADEMIC SESSION 2021-22**  
**BUSINESS STUDIES**

**Prescribed Text Book ISC Business studies**

<b>UNIT I</b>			<b>UNIT II</b>		
<b>CH. NO.</b>	<b>TOPIC</b>	<b>CONTENTS</b>	<b>CH. NO.</b>	<b>TOPIC</b>	<b>CONTENTS</b>
1	Business Environment	Introduction to the concept of Business Environment Features, Importance, SWOT Analysis	5-6	Managers & Managerial Roles	Authority, Responsibility, Accountability Roles Change Management
2	Entrepreneurship	Introduction to Entrepreneur, Entrepreneurship			
<b>SYLLABUS FOR UNIT TEST I</b>			<b>SYLLABUS FOR UNIT TEST II</b>		
Appropriate portions from the topics taught in Unit I shall be covered			Appropriate portions from the topics taught in Unit II shall be covered		
<b>HALF- YEARLY</b>			<b>ANNUAL</b>		
3	Entrepreneurship (Contd.), Business risk and causes of business failure	Enterprise, Business Risk, Causes of Failure- meaning of business risk, Financial risk, Strategic risk, Operational risk, Competitive and Market risk, Environmental risk causes of business failure - internal and external	7-8	Automation at Workplaces	Introduction, Productivity enhancement tools and Workplaces facilities at different workplaces
4	Managers & Managerial Managerial roles	Introduction Managerial roles as given by Roles			

	Mintzberg			
<b>SYLLABUS FOR HALF YEARLY EXAMINATION</b>		<b>SYLLABUS FOR ANNUAL EXAMINATION</b>		
Chapters taught in unit I + half yearly + project work + viva		Entire Syllabus for class XI+ project work + viva		
<b>PROJECT TOPICS</b>				
<p style="text-align: center;"><b>PROJECT:</b></p> <ol style="list-style-type: none"> <li>1. Entrepreneurship</li> <li>2. Managerial Roles</li> <li>3. SWOT Analysis</li> </ol>				
<p>Date of Submission of 1st Project: 20.06.2021</p> <p>Date of Submission of 2nd Project: 20.10.2021</p>				



**ST. FRANCIS XAVIER SCHOOL**  
**SYLLABUS FOR CLASS XI COMMERCE**  
**ACADEMIC SESSION 2021-22**  
**MATHEMATICS**

**Prescribed Text Book ISC Mathematics by M.L Agarwal and Saha, Saha**

UNIT 1			UNIT II		
CH NO.	TOPIC	CONTENTS	CH NO.	TOPIC	CONTENTS
1	Set	Set theory and its Operations	1	Trigonometry (Properties of Triangles)	Sine, Cosine formula, Area of a triangle
2	Logarithm	Properties of Logarithm	2	Permutation and Combination	Concept of Factorial, Permutation & Combination, Restricted & Circular Permutation
3	Angles and arc lengths	Angles and arc lengths	3	Relations and Functions	Cartesian product, domain, range, classification of functions
4	Trigonometric function	Trigonometric function	4	Linear Inequation	Graphical solution of inequations and quadratic inequations
5	Compound and multiple angles	Compound and multiple angles addition and product rule	5	Circle	Equations of Circles and their Tangents
6	Trigonometric Equations	Solving Trigonometric equations			
7	Complex Number	Real & imaginary number, Modulus and argument, Argand Plane (Locus), Cube root of Unity			

8	Quadratic equations	Quadratic(equation, function, inequalities)			
<b>SYLLABUS FOR UNIT TEST I</b>			<b>SYLLABUS FOR UNIT TEST II</b>		
Appropriate portions from the topics taught in Unit I shall be covered			Appropriate portions from the topics taught in Unit II shall be covered		
<b>HALF YEARLY</b>			<b>ANNUAL</b>		
9	Mathematical Induction	Proving Series & Divisibility by Mathematical Induction		Binomial Theorem	General term, Middle term and problems
10	Finite and Infinite Sequence	A.P., G.P., A.G.P. Series		Limits and Derivatives	Limits of algebraic, trigonometric, exponential and logarithmic functions, derivatives of functions using 1 <sup>st</sup> and 2 <sup>nd</sup> principle, Sum, Difference, Product and Quotient Rule for derivatives
11	Co-Ordinate Geometry	Points and Co-ordinates, Locus, Equation of a Straight Line		Probability	Random experiments and their outcomes, Addition theorem
12	Statistics	Mean, Median, Mean Deviation from Mean and Median, Mode, Standard Deviation		Mathematical Reasoning ( <b>Sec B</b> )	Mathematical reasoning
13	Conics ( <b>Sec B</b> )	Equations of Parabola, Ellipse, Hyperbola and their Tangents		Three Dimensional Geometry ( <b>Sec B</b> )	Points in 3D, Distance, Section and Mid point formula
14	Statistics ( <b>Sec C</b> )	Combined Mean, Quartile, Decile, Percentile		Index number & Moving Average ( <b>Sec C</b> )	Index number, Moving Average (Graphically)
15	Correlation ( <b>Sec C</b> )	Karl Pearson's & Spearman's Method of Correlation			

<b>HALF YEARLY SYLLABUS</b>	<b>ANNUAL SYLLABUS</b>
All chapters of UT 1 and Half yearly	All the chapters of UT 1, Half yearly, UT II

**ST FRANCIS XAVIER SCHOOL  
SYLLABUS FOR CLASS XI COMMERCE  
ACADEMIC SESSION 2021-22**

**ECONOMICS  
Prescribed Text Book ISC Economics( Frank Brothers)**

UNIT I			UNIT II		
CH NO.	TOPIC	CONTENTS	CH NO.	TOPIC	CONTENTS
1	(i)Wealth Definition Definition Of Economics	Features & Criticisms (ii)Welfare Definition : Features & Criticisms (iii)Scarcity Definition : Features & Criticisms (iv)Modern Growth Oriented Definition : Features & Criticisms	18	Collection & Presentation Of Data	(i) Collection Of Data: Sources of Data: Primary & Secondary sources & ways of collecting Primary & Secondary data (ii) Organizational of Data: Meaning & Types of variables, frequencies (iii)Presentation of Data: Tabular & Diagrammatic presentation(Bar, Pie) with the help of simple

					numericals
2	Basic Concepts of Economics	(i) Branches of Economics: Meaning & Differences (ii) Utility: Concept, types & features with simple numericals (iii) Price, Value, Wealth: Meaning, classification Differences (iv) Welfare, Money, Markets: Meaning, classification & relation between wealth and welfare. Difference between Barter Economy & Money Economy; (v) National product & Production: Meaning, Factors of Production & factor incomes (vi) Income, Consumption, Investment, Savings: Meaning	6	Indian Economic Development	Introduction to the State of the Indian Economy on the eve of Independence: Main Features, problems & policies of agriculture, industry & foreign trade
3	Basic problems of an economy	(i) The Basic Problems of an Economy :What to produce; How to produce; For whom to produce (ii) Efficient Use of Resources : Basic problem of scarcity & choice (iii) Production Possibility Curve: Role of Technology & shift in the curve	10	Planning and Economic Development in India	Planning & Economic Development: An overview of Macro Objectives & thrusts of different 5 Year Plans in India
4	Types of Economies	(i) Developed & Developing Economies: Characteristics (ii) Economic Systems: Capitalism, Socialism, Mixed: Definitions, Features Merits & Demerits (iii) Mechanisms to Solve the Basic Problems under each Economic System: Role of government & Price mechanism	11	Structural Changes in Indian Economy	India (i) Structural Changes in the Indian Economy: Meaning, Need, significance & features of liberalization & privatization of Indian Economy (ii) Disinvestment: Meaning (iii) Globalization : Meaning, Need, Significance & Features
17	Importance of Statistics	Statistics: Definition, Scope and limitations of Statistics	19	Measures of Central Tendency	Mean, Median, Mode, Frequency Distribution, all topics with the help of simple numericals
			21	Correlation	Karl Pearson's coefficient of correlation and Spearman's coefficient of rank correlation

			15	Unemployment	Meaning and types of unemployment, causes of unemployment and measures to eradicate unemployment
<b>SYLLABUS FOR UNIT TEST I</b>			<b>SYLLABUS FOR UNIT TEST II</b>		
Appropriate portions from the topics taught in Unit I shall be covered			Appropriate portions from the topics taught in Unit II shall be covered		
<b>HALF- YEARLY</b>			<b>ANNUAL</b>		
12	Poverty	(i) Absolute & Relative Poverty: Meaning & Concept (ii) Main Programmes for Poverty Alleviation (iii) A Critical assessment of PAPs	22	Index Numbers	(i) Index Numbers : Meanings & Types (ii) Simple Index numbers (iii) Weighted Index Numbers (Laspeyres', Paasche's & Fisher's Method) All topics done with help of Simple Numericals
13	Rural Development	(i) Rural development : Concept (ii) Credit & Marketing: Role of Cooperatives (iii) Agricultural Diversification (iv) Alternate Farming: Meaning & Importance	7	Economic Growth & Development	(i) Economic Growth & Development : Meaning & differences (ii) Comparative study of Indian & Chinese Economies on the basis of the indicators namely (a) Unemployment (b) GDP Growth (c) GDP per capita & GDP PPP (d) FDI (e) Inflation (f) Poverty
9	Sustainable Development	(i) Sustainable Development : Concept & Need For improving the quality of life (ii) Pollution: Concept & Types of Pollution (iii) Strategies for Sustainable Development (iv) Global Warming : Meaning & Effects			
20	Measures of Dispersion	(i) Range (ii) Quartile deviation (iii) Standard Deviation (iv) Co- efficient of Variation: All topics with the			

	help of simple numericals				
<b>SYLLABUS FOR HALF YEARLY EXAMINATION</b>			<b>SYLLABUS FOR ANNUAL EXAMINATION</b>		
Chapters taught in unit I + half yearly + project work + viva			Entire Syllabus for class XI+ project work + viva		
<b>PROJECT TOPICS</b>					
<p>Students will be required to submit the project on any 2 of the following topics-</p> <p>1.Consumer awareness among households 2.Productivity awareness among enterprises 3.Status of women in your state 4.MGNREGA</p>					
<p>Date of Submission of 1st Project: 20.06.2021</p> <p>Date of Submission of 2nd Project: 20.10.2021</p>					

**ST FRANCIS XAVIER SCHOOL  
SYLLABUS FOR CLASS XI COMMERCE  
ACADEMIC SESSION 2021-22 PHYSICAL  
EDUCATION**

<b>SECTION - A</b>		
1	<b>Concept of Physical Education</b>	<ul style="list-style-type: none"> <li>(i) Meaning of Physical Education, its aim and objectives.</li> <li>(ii) Misconceptions about Physical Education and the relevance of Physical Education</li> <li>(iii) Meaning of 'Play' and Recreation'.</li> <li>(iv) Meaning and concept of 'Games and Sports'.</li> </ul>
2	<b>Individual Aspects and Group Dynamics</b>	<ul style="list-style-type: none"> <li>(a) Interest and attitude.</li> <li>(b) Motivation.</li> <li>(c) Leadership.</li> </ul>
3	<b>Effects of Physical Exercise on Human Body Systems</b>	<ul style="list-style-type: none"> <li>(i) The skeletal and muscular system:</li> <li>(ii) Respiratory System</li> <li>(iii) Circulatory system</li> <li>(iv) Digestive System</li> <li>(v) Effect of exercise and benefits of regular training on the above systems.</li> </ul>
4	<b>Nutrition, Weight Control &amp; Exercise</b>	<ul style="list-style-type: none"> <li>(i) Nutrition Basics</li> <li>(ii) Balanced Diet and role of balanced diet in performance.</li> <li>(iii) Obesity and weight control; Life time concept of weight control.</li> </ul>



5	<b>Physical Fitness &amp; Wellness</b>	<ul style="list-style-type: none"> <li>(i) Physique, Physical Fitness and Wellness</li> <li>(ii) Components of physical fitness and wellness</li> <li>(iii) Factors affecting physical fitness and wellness.</li> <li>(iv) Tests and Measurements in Sports.</li> </ul>
6	<b>Games and Sports – a global perspective</b>	<ul style="list-style-type: none"> <li>(i) Olympics as a Social force.</li> <li>(ii) History of Modern Olympics.</li> <li>(iii) Asian Games.</li> </ul>
<b>SECTION B</b>		
	Any <b>two</b> of the following games are to be studied	<ul style="list-style-type: none"> <li>Football</li> <li>Hockey</li> <li>Tennis</li> <li>Basketball</li> <li>Badminton</li> <li>Athletics</li> <li>Swimming</li> <li>Volleyball</li> <li>Cricket</li> </ul>

**ST FRANCIS XAVIER SCHOOL**  
**SYLLABUS FOR CLASS XI COMMERCE**  
**ACADEMIC SESSION 2021-22**  
**SUPW**

	TOPIC		TOPIC
<b>Unit 1</b>	Each One Teach One	<b>Unit II</b>	Fabric Painting
<b>Half Yearly</b>	Mask Making	<b>Annual</b>	Laundry Work