ST. THOMAS SCHOOL, LONI
SYLLABUS 2024- 2025
HALF YEARLY
CLASS: XI- COMMERCE

SUBJECT: PSYCHOLOGY

Main course book: Psychology, Class XI, Published by NCERT

UNITS	CHAPTER
1	What is Psychology?
2	Methods of Enquiry in Psychology.
4	Human Development
7	Human Memory

SUBJECT: MATHEMATICS

Main course book: N.C.E.R.T

Reference Book: R. D. SHARMA

CHAPTER NO.	CHAPTER NAME
Chapter-1	Sets
Chapter -2	Relations and Functions
Chapter -3	Trigonometric Functions
Chapter-4	Complex Numbers and Quadratic Equations
Chapter-5	Linear Inequalities
Chapter -6	Permutations and Combinations
Chapter -7	Binomial Theorem

SUBJECT: CARNATIC MUSIC
**TEXT BOOK- SOUTH INDIAN MUSIC BOOK BY
SAMBAMOORTHY PUBLISHER- INDIAN MUSIC
PUBLISHING HOUSE, MADRAS**

S.NO	TOPICS
1	Biographies – Tyagaraja, Muthuswami Dikshitar, Syamashastri, Annamacharya, Kshetrajna

2	Nada, Sruti, Tala, and Swara
3	Lakshana Grandhas - Sangita Saramrita, Sangita Sampradaya Pradarsini.
4	Musical Forms - Kriti, Padam, Javali, Tiruppugazh,Ragamalika.
5	Raga Classification
6	Sarali Varisas

SUBJECT-ECONOMICS

TEXT BOOK-ECONOMICS

PUBLISHERS-NCERT, SANDEEP GARG, T.R JAIN V,K

OHR PART A- STATISTICS FOR ECONOMICS

CHAPTER-1	Concept of Economics and significance of statistics in Economics
CHAPTER-2	Collection of data
CHAPTER-3	Census and sample method of collection of data
CHAPTER-4	Organization of data
CHAPTER-5	Presentation of data—Textual and tabular presentation

PART - MICROECONOMICS

CHAPTER-1	Introduction
CHAPTER-2	Consumers Equilibrium
CHAPTER-3	Demand
CHAPTER-4	Elasticity of Demand
CHAPTER-5	Production Function
CHAPTER-6	Cost

SUBJECT: PAINTING

Unit- 1 Pre- Historic Rock Painting and Art of

Indus Valley Unit- 2 Buddhist, Jain and Hindu Art

SUBJECT: ENGLISH
Prescribed Books:
a) Hornbill
b) Snapshots Publisher- NCERT

Reading Comprehension-

1. Unseen passage- (The passage may be factual, descriptive or literary/discursive or persuasive)
2. Note -making and summarising

Advanced Writing Skills

1. Short Composition- Poster
2. Long Composition- Speech

Grammar (Integrated)

1. Tenses

2. Sentence reordering

Literature- Questions based on extracts/texts to assess comprehension and appreciation, analysis, inference and extrapolation

Book- Hornbill

Ch.1-Portrait of the Lady

Ch.-2 We're Not Afraid To Die…..

Ch-3 Discovering Tut

Poems

1. A Photograph
2. The Laburnum Top

Book- Snapshots
Ch-1 Summer of the Beautiful White Horse

Ch-2 The Address

SUBJECT: HINDI
पाठ्यपुस्तक – 1. अंतरा भाग-1 (NCERT)
2. अंतराल भाग-1 (NCERT)
2. अभिव्यक्ति और माध्यम (NCERT)

अंतरा भाग -1	
गद्य खंड	
1.	प्रेमचंद -ईदगाह
2	अमरकांत - दोपहर का भोजन
3.	हरिशंकर परसाई – टार्च बेचनेवाले
4.	रांगेय राघव - गूँगे
काव्य खंड	
1.	कबीर - अरे इन दोहन राह न पाई
	बालम आवो हमारे गेह रे
2.	सूरदास - खेलन में को काको गुसैयाँ

	मुरली तऊ गोपालहिं भावति
3.	देव -हँसी की चोट
	सपना
	दरबार
4.	सुमित्रानंदन पंत - संध्या के बाद
अंतराल भाग-1	
1.	हुसैन की कहानी अपनी ज़बानी - मकबूल फ़िदा हुसैन
अभिव्यक्ति और माध्यम	
1.	जनसंचार माध्यम और लेखन
2.	पत्रकारिता के विभिन्न आयाम
9.	डायरी लिखने की कला
लेखन कौशल	दृश्य लेखन , औपचारिक पत्र , कार्यसूची / कार्यवृत्त से सम्बंधित व्यवहारिक लेखन , अपठित गद्यांश -पद्यांश

SUBJECT- COMPUTER SCIENCE
Book- Computer Science with Python
Publisher- Sultan Chand
Unit I: Computer Systems and Organisation

- Basic Computer Organisation: Introduction to computer system, hardware, software, input device, output device, CPU, memory (primary, cache and secondary), units of memory (Bit, Byte, KB, MB, GB, TB, PB)
- Types of software: system software (operating systems, system utilities, device drivers), programming tools and language translators (assembler, compiler & interpreter), application software
- Operating system (OS): functions of operating system, OS user interface
- Number System: Binary, Octal, Decimal and Hexadecimal number system; conversion between number systems
- Encoding Schemes: ASCII, ISCII, and Unicode (UTF8, UTF32)

Unit II: Computational Thinking and Programming – 1

- Introduction to problem solving: Steps for problem solving (analysing the problem, developing an algorithm, coding, testing and debugging). representation of algorithms using flow chart and pseudo code, decomposition
- Familiarization with the basics of Python programming: Introduction to Python, features of Python, executing a simple "hello world" program, execution modes: interactive mode and script mode, Python character set, Python tokens (keyword, identifier, literal, operator, punctuator), variables, concept of l-value and r-value, use of comments
- Knowledge of data types: number (integer, floating point, complex), boolean, sequence (string, list, tuple), none, mapping (dictionary), mutable and immutable data types
- Operators: arithmetic operators, relational operators, logical operators, assignment operator, augmented assignment operators, identity operators (is, is not), membership operators (in, not in)

- Expressions, statement, type conversion & input/output: precedence of operators, expression, evaluation of expression, python statement, type conversion (explicit & implicit conversion), accepting data as input from the console and displaying output
- Errors: syntax errors, logical errors, runtime errors
- Flow of control: introduction, use of indentation, sequential flow, conditional and iterative flow control
- Conditional statements: if, if-else, if-elif-else, flowcharts, simple programs: e.g.: absolute value, sort 3 numbers and divisibility of a number

Unit III: Society, Law and Ethics
- Digital Footprints
- Digital society and Netizen: net etiquettes, communication etiquettes, social media etiquettes
- Data protection: Intellectual Property Right (copyright, patent, trademark), violation of IPR (plagiarism, copyright infringement, trademark infringement), open source softwares and licensing (Creative Commons, GPL and Apache)
- Cyber-crime: definition, hacking, eavesdropping, phishing and fraud emails, ransomware, preventing cyber crime

SUBJECT- PHYSICAL EDUCATION

- **UNIT 1 - Changing Trends & Career in Physical Education**
- **UNIT 2 - Olympic Value Education**
- **UNIT 3 - Yoga**
- **UNIT 4 - Physical Education & Sports for CWSN**
- **UNIT 5- fitness, wellness and healthy life style**

SUBJECT: ACCOUNTANCY

Main course book: N.C.E.R.T

Reference Book: APC Accountancy Volume I and II

Arya Publications

Chapter – 1	Meaning and Objectives of Accounting
Chapter – 2	Basic Accounting Terms
Chapter – 3	Accounting Principles
Chapter – 4	Process and Bases of Accounting
Chapter – 5	Accounting Standards
Chapter – 6	Accounting Equations
Chapter -7	Double Entry System
Chapter -8	Origin of Transactions: Source Documents of Accounting
Chapter - 9	Journal
Chapter – 10	Accounting for Goods and Service tax (GST)
Chapter – 11	Books of Original Entry -Cashbook
Chapter – 12	Special Purpose Subsidiary Books
Chapter – 13	Ledger

Chapter – 14	Trial Balance and errors

SUBJECT: BUSINESS STUDIES

Main course book: N.C.E.R.T

Reference Book: SUBHASH DEY

Chapter – 1	Nature and Purpose of Business
Chapter – 2	Forms of Business Organisation
Chapter – 3	Public Private and Global Enterprise
Chapter – 4	Business services
Chapter – 5	Emerging modes of business
Chapter – 6	Social Responsibility of Business
Chapter - 7	Source Of Business Finance
Chapter - 8	Small Business