

**FATHER AGNEL SCHOOL, VAISHALI
PT-1 SYLLABUS
CLASS XI**

ENGLISH

Reading Comprehension

Integrated Grammar

Writing: Poster Making

Literature: Prose- The Portrait of a Lady

Poem- A Photograph

Supplementary Reader- The Summer of the Beautiful White Horse

MATHS

Ch1 Sets

Ch2 Relations and Functions

Ch-3 Trigonometric Function

CHEMISTRY

1. Basic concepts of chemistry

2. Structure of atom

PHYSICS

1. Units and Measurements

2. Motion in a straight line

BIOLOGY

Biological Classification

Plant Kingdom

Animal Kingdom

ACCOUNTS

Chapter 1 Theory Base of Accounting

Chapter 2 Basic Accounting Terms

Chapter 5 Accounting Equation

B.ST

Ch. 1 Fundamentals of Business

Ch. 2 Forms of Business Organisation & Formation of a Company

ECONOMICS

Micro Economics: Unit 1 Introduction

Statistics for Economics: Unit 1 Introduction

Unit 3 Organisation of Data

COMPUTER SCIENCE

Unit 1: Computer Systems and Organisation

<ul style="list-style-type: none"> ● 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, and interpreter), application software ● Operating System(OS): functions of the operating system, OS user interface ● Boolean logic: NOT, AND, OR, NAND, NOR, XOR, truth tables and De Morgan's laws, Logic circuits ● Number System: Binary, Octal, Decimal and Hexadecimal number system; conversion between number systems ● Encoding Schemes: ASCII, ISCII, and Unicode (UTF8, UTF32)
<p>Unit 2: Computational Thinking and Programming - I</p> <ul style="list-style-type: none"> ● 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
<p>I.P</p>
<p>Unit - 1: Introduction to computer and computing: components of a computer system and their interconnections, Input/output devices. Computer Memory: Units of memory, types of memory – primary and secondary, data deletion, its recovery and related security concerns. Software: purpose and types–system and application software, generic and specific purpose software Unit - .</p>
<p>Unit2: Introduction to Python Basics of Python programming, execution modes:-interactive and script mode, the structure of a program, indentation, identifiers, keywords, constants, variables, types of operator, precedence of operators, datatypes, mutable and immutable data types, statements, expression evaluation, comments, input and output statements, data type conversion</p>
<p>HISTORY</p>
<p>Chapter- Writing and City Life</p>

Chapter- An Empire Across Three Continents
POLITICAL SCIENCE
1. Constitution why and how
2. Fundamental Rights
3. Election and Representation
PAINTING
Fundamentals of Visual Arts (Elements and Principles of Art)
Ch. - Prehistoric Rock Paintings
Ch.- Art of Indus Valley Civilization.
PHYSICAL EDUCATION
Ch - Changing trends & Career in Physical Education
Ch- Olympics Value Education
PSYCHOLOGY
Chapter 1- What is Psychology?
What is Psychology?
Psychology as a Discipline
Psychology as a Natural Science
Psychology as a Social Science
Understanding Mind and Behaviour
Popular Notions about the Discipline of Psychology
Evolution of Psychology
Some Interesting Landmarks in the Evolution of
Modern Psychology (Box 1.1)
Development of Psychology in India
Branches of Psychology
Themes of Research and Applications
Psychology and Other Disciplines
Psychologists at Work
Psychology in Everyday Life