

NATIONAL PRIMTALENT OLYMPIAD EXAMINATIONS

CYBER

Class VIII

COMPUTER AND ITS BASIC ORGANIZATION

- Basic organization
- Hardware and software
- Software categories
- Main components of a computer system
- Memory and storage device

ALGORITHM AND FLOWCHART

- Algorithm
- Steps to develop an algorithm
- Symbols used in flowchart

SPREADSHEETS (MS EXCEL)

- Starting MS Excel
- Commonly used terms in Spreadsheet
- Different tasks in a workbook
- Updates on MS EXCEL 2013
- Range of cells
- Sheet tab in a Spreadsheet
- Cell reference in a worksheet
- Functions used in MS Excel
- Creating a chart in MS Excel

HTML

- Basic structure of an HTML document
- HTML tag
- Working in an HTML document
- Paragraph tag
- Line breaks
- Background and text color

INTERNET AND VIRUS

- How to access the Internet?
- Uses of the internet
- Connecting and disconnecting the internet
- Commonly used internet terms
- E-mail
- Computer Virus
- Source of virus
- Symptoms of virus attack
- Types of virus
- Protection against virus

NETWORKING

- Communication system
- Transmission media
- Transmission Signals
- Network topology

- **Computer networks**
- **File Transfer Protocol(FTP)**
- **Uploading, downloading and sharing the files**

PROGRAM CODING JAVA

- **Compiler and Interpreter**
- **Data types in Java**
- **Functions of mathematical calculations**
- **Operators and expressions**
- **Basic sample programs**

LATEST DEVELOPMENTS IN THE FIELD OF IT

