

Class – X
REVISED SYLLABUS
(For the Session of 2020-21 Only)
Information Technology
(THEORY)

UNIT 1: IT BASICS

Internet : World Wide Web, Web Servers, Web sites, Web Pages, Web Browsers, HTML.

Services available on Internet: Chat, Video Conferencing, FTP, Downloading and Uploading files from or to remote site, Newsgroup.

UNIT 2: IT TOOLS

MS-Office

MS Access:

Basic Concepts and need for a database, Creating a database, Setting the Primary Key, Entering data into a database, Inserting and deleting fields, Inserting and deleting Records,

HYPER TEXT MARKUPLANGUAGE

Basic Concept of Web Browsers with emphasis on popular browsers Internet Explorer and Netscape Navigator.

HTML Fundamentals:

Introduction to Web Page Designing using HTML, Creating and saving an HTML document, Elements in HTML Container and Empty elements, Designing web pages using the following elements:
HTML, HEAD, TITLE, BODY (Attributes: BACKGROUND, BGCOLOR, TEXT, LINK, ALINK, VLINK, LEFTMARGIN, TOPMARGIN), FONT (Attributes: COLOUR, SIZE, FACE),
BASEFONT (Attributes :COLOUR, SIZE, FACE), CENTER, BR (Break), HR (Horizontal Rule, Attributes: SIZE, WIDTH, ALIGH, NOSHADE, COLOUR), COMMENTS, ! for comments, H1..H6 (Heading), P (Paragraph), B(Bold), I (Italics), U (Underline), UL & OL (Unorder List & OrderedList Attributes: TYPE, START, LI (List Item), Insertion of images using the element IMG (Attributes : SRC, WIDTH, HEIGHT, ALT, ALIGN)
Internal and External Linking between Web Pages: Significance of linking, A-Anchor Element (Attributes: NAME HREF, TITLE, ALT)

UNIT 3: IT APPLICATIONS

Students are suggested to work on the following areas using Access and HTML on topics implementing the tools covered in the course.

Domains :

Database

- * Personal Data Management System
- * Employee Payroll
- * Stock Inventory

- * Travel and Tourism
- * Rural India
- * Environment and Pollution

NOTE

- I. Sample documents/presentations on the above are made available on CBSE CD-ROM
- II. Teachers are requested to demonstrate some other popular software for word processing, Presentation, Spreadsheet, Database Management, system which support Hindi and/or some other Indian language (s) (Leap Office is an example of Office suite with Indian Language support)
- III. Students are suggested to prepare some document/presentations of their IT Application report file in Indian Language(s).