



MAHARISHI VIDYA MANDIR PUBLIC SCHOOL



SITAPUR ROAD LUCKNOW

Class – X

Subject – FOUNDATION OF INFORMATION TECHNOLOGY (FIT)

(Session: 2018-2019)

Sr. No.	Month	Topic/Content
1	April'18	<p style="text-align: center;">THEORY</p> <p>: Basics of Information Technology Internet: World Wide Web, Web servers, Web Clients, Web sites, Web Pages, Web Browsers, Blogs, News groups, HTML, Web address, E-mail address, URL, HTTP, FTP, downloading and uploading files from remote site; Services available on Internet: Information Retrieval, Locating sites using search engines and finding people on the net; Web Services: Chat, email, Video Conferencing, e-Learning, e-Banking, e-Shopping, E-Reservation, e-Governance, e-Groups, Social Networking.</p> <p>Hyper Text Markup Language Introduction to Web Page Designing using HTML, Creating and saving an HTML document, accessing a web page using a web browser (Google Chrome, Internet Explorer, Mozilla Firefox, Opera, Apple Safari, Net scape Navigator); 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: COLOR, SIZE, FACE), BASEFONT(Attributes: COLOR, SIZE, FACE), CENTER, BR (Break), HR(Horizontal Rule, Downloaded from: Courtesy : CBSE www.cbseportal.com202</p>



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		<p>Attributes: SIZE, WIDTH, ALIGN, NOSHADE, COLOR) inserting comments, H1..H6 (Heading), P (Paragraph), B (Bold), I (Italics), U (Underline)</p> <p>PRACTICALS</p> <p>Webpage Designing *</p> <ul style="list-style-type: none"> • Adding a title to webpage • Formatting Text • Writing Text in Paragraphs • Intro Adding Ordered/Unordered Lists
2	May'18	<p>THEORY</p> <p>Hyper Text Markup Language: UL & OL (Unordered List & Ordered List Attributes: TYPE, START), LI (List Item) Insertion of images using the element IMG (Attributes: SRC, WIDTH, HEIGHT, ALT, ALIGN), Super Script SUP, Subscript SUB, Creating Table using the element TABLE (BACKGROUND, BGCOLOR, WIDTH, CELSPACING, CELLPADDING, BORDER), TR, TH, TD, ROWSPAN, COLSPAN, Internal and External Linking between Web Pages: Significance of linking, A - Anchor Element (Attributes: NAME, HREF, TITLE, MAILTO).</p> <p>PRACTICALS</p> <ul style="list-style-type: none"> • Inserting Image • Adding content in Tabular Form • Adding Internal / External links.
3	July'18 (Periodic test 1)	CONTINUES OF HTML PRACTICES
4	August'18	<p>THEORY</p> <p>XML (Extensible Markup Language)</p>



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		<p>Introduction to XML, Difference between XML and HTML with respect to the following: Data separation, data sharing, document structure, tags, nesting of elements, attributes, Values. XML Elements - Defining own tags in XML, root elements, child elements and their attributes; Comments in XML, White space and new line in XML, well-formed XML Documents, validating XML documents, XML Parser, Viewing XML documents in a web browser.</p> <p>Database Management Tool: Basic Concepts and need for a database, Creating a</p> <p>PRACTICALS</p> <p>XML Documents creation Database Design:</p> <ul style="list-style-type: none">• Creating and entering data into a database• Setting the primary key
5	September r'18	REVISION FOR HALF YEARLY
6	October'18	<p>INFORMATION PROCESSING TOOLS Office Tools database, Data Types-Text, Number, Date, Time, Setting the Primary Key, Entering data into a database, Inserting and deleting Fields, Inserting and deleting Records, Field Size, Default Value, Creating Query using Design view.</p> <p>PRACTICALS Database Design:</p> <ul style="list-style-type: none">• Inserting meaningful data and organizing



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		<ul style="list-style-type: none"> • Creating Query with the same design view of the table.
7	November r'18 (Periodic test 2)	<p align="center">SOCIETAL IMPACTS OF IT</p> <p>Information Security: Virus, Worms, Trojans and Anti-Virus Software, Spyware, Malware, Spams, Data Backup and recovery tools and methods, Online Backups, Hacker and Cracker with regard to Computer Data and Applications, Social Networking Information security provisions in e-commerce, Benefits of ICT in Education, Healthcare, Governance, Virtual, School, emergence of Knowledge economy, Impact of ICT on Society: Knowledge based society Digital Unity and Digital Divide.</p>
8	December '18	<p align="center">REVISION & PROJECT MAKING</p> <p>Database Design:</p> <ul style="list-style-type: none"> • Personal Data Record File • School/Class Result Record • Employee Payroll • Stock Inventory • Vehicle Parking Record File
9	January'1 8	<p align="center">REVISION & PROJECT MAKING</p> <p>Webpage Design:(any one of the topics)</p> <ul style="list-style-type: none"> • My Home Page • My School Downloaded from: Courtesy : CBSE www.cbseportal.com • My Family • Personal Blog with Name, Photo, Areas of Interest, School, State, Country • School Website - Infrastructure, Facilities, Uniform, Motto, School Pictures, Extra



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Curricular Activities, Subject and Language Options

- Travel and Tourism
- Statistics on India - State wise Area, Population, Literacy (Enrolment in Primary, Middle, Secondary, Senior Secondary), Gender Ratio
- Environment (Save Energy) and Pollution (Global Warming)