

**VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT**  
**S.Y.B.COM**  
**COMPUTER APPLICATION (VOCATIONAL)**

**PAPER-III Internet, Web Page Designing & Corel Draw**

With Effect From : 2005-06

**1. INTERNET:**

**1.1 Introduction To Computer Communication & Networks: (15%)**

What Is Computer Network? What is communication? Electronic methods of communications, basic of computer communications, overview of media used for computer communications, (Unshielded twisted pair cable, shielded twisted pair cable, coaxial cable, fiber optics cable), overview of Unbounded Media (satellite communication, microwave communication, local area network, advantages & disadvantages of LAN, different topologies used in LAN (Linear, Circular, Star, Mesh) – Overview of Metropolitan area network, Overview of Wide Area Network, Basic.

LAN FUNDAMENTALS

LAN Commands of Netware-BROADCAST, CLEAR, MESSAGE, FLAG, LOGIN, LOGOUT NDIR, NCOPY, SEND, USERLIST, WHOAMI, Terminology-Server, Nodes, Workstation, Introduction to Windows NT

**1.2 Introduction to Internet: (15%)**

What Is Internet? – History Of Internet, Application Of Internet, Internet Terminology Like Network, Modem, Server, Client, Baud Rate, Protocol, TCP/IP, HTTP, FTP, WWW, Telnet, Usenet, Internet, Relay Chat, URL, How To Connect To Internet, Dial Up Access, Direct Of Dedicated Connections, TCP/IP Account/Shell Account, Introduction To Domain And Addresses, The Domain Name System, How Does A Domain Name Help In Locating A Computer, IP – Addresses, Why Are Domain Name Required, Introduction To The Internet Explorer Screen, Introduction To Www-Web Browser, Popular Web Browser, Type Of Servers, HTTP & URLS. The Concept Of E-Mail, How E-Mail Works On The Internet, Internet Mail Protocol Like SMTP, POP, IMAP, MIME, Description Of E-Mail Headers.

## **2. Web Page Designing:**

### **2.1 Hyper Text Markup Language:** (15%)

Introduction to HTML- What is Elements, Tags & attributes, HTML Document Layouts creating HTML page with tags- <HTML>, <HEAD>, <TITLE>, <BODY BACKGROUND, BGCOLOR, BGPROPERTIES, TEXT, LEFTMARGIN, RIGHTMARGIN, TOPMARGIN, BOTTOMMARGIN>, <COMMENT>, <P>, <BR>, <HR ALIGN COLOR SIZE WIDTH NOSHADE>

Text Formatting Tags <HX>, FONT Face Size Color,<B> , <I>, <U>, <TT>, <STRONG>, <EM>, <S>, <BIG>, <SMALL>, <SUP>, <SUB>, <PRE>, <ADDRESS>.

Aligning Individual Elements And Aligning Blocks Of Elements The <CENTER> tag.

### **2.2 MORE ON HTML:** (25%)

Creating Ordered Listing With <OL TYPE START>, Unordered List With <UL TYPE> And Glossary Of Definition Lists With <DL> & <DI> Tags.

Creating Listing With <A HREF NAME TARGET TITLE>. Linking Local Pages Using Relative And Absolute Pathnames, Linking To Specific Places Within Documents, Anatomy Of Url.Parts Of URLs And Specific Places Within Documents, Anatomy Of URL. Parts Of URLs & Special Characteristics In URLs.

Using Images <IMG SRC ALT ALIGN BORDER WIDTH HEIGHT VSPACE HSPACE.

Creating Tables, Tables, The <TABLE> Tag. Attribute Like ALIGN, VALIGN, BACKGROUND, BGCOLOR, BORDER, CELLPADDING, CELLSPACING, HEIGHT, WIDTH FRAMES, RULES -The <CAPTION> Tag And Its Attribute ALIGN, VALIGN,.

The <TH> And <TD> Tags and its attribute ALLIGN, VALIGN, HEIGHT, WIDTH, BGCOLOR, BORDERCOLOR, COLSPAN, ROWSPAN THE <TR> tags and its attributes - ALLIGN, VALIGN, COLOR, BORDERCOLOR. The <THED>, <TBODY> & <TFOOT> Tags, Neating Table Structure.

Advance Page Formatting, Frame Document, The <FRAMESET> Tag With Attribute ROWS & COLS, The <FRAME> Tag With Attribute SRC, NAME, SCROLLING, NORESIZE, BORDERCOLOR, FRAMEBORDER.The <NOFRAME> tag, The <IFRAME> tag with attribute SRC, NAME, WIDTH, HEIGHT, SCROLLING, FRAMEBORDER, BORDER, BORDERCOLOR, FRAMESPACING, VSPACE, HSPACE, ALIGN.

## **2. COREL DRAW:**

### **3.1 Introduction To Corel Draw:** (10%)

Start Corel Draw, Introduction To Corel Draw Screen, Different Part Of The Corel Draw Screen, Working With Corel Draw Tool Box.

### **3.2 Working With Menus In Corel Draw:** (20%)

File Menu-New, New From Template, Open, Save, Save As, Import, Export, Print, Print Set Up, Color Manager, Exit.

Edit Menu- Undo, Redo, Repeat, Cut, Copy, Paste, Paste Special, Delete, Duplicate, Clone, Copy Attributes From, Select All, Insert Object.

View Menu- Ruler, Toolbox, Color Palllete, Wire frame, Full Screen Preview, Preview Selected Only, Refresh Window.

Layout Menu- Insert Page, Delete Page, Go To Page, Grid To Scale Setup, Guideline Setup

Arrange Menu-Align, Order, Group, Ungroup, Combine, Break, Apart, Weld, Intersection, Trim, Separate, Convert To Curves.

Effect – Transform Roll Up, Clear Transformation, Add Prespective, Envelop Roll Up, Blend Rollup, Extrude Roll Up, Cotour Roll Up, Power Line Roll Up, Lens Roll Up, Power Clip, Clear Effect.

Text Menu- Text Roll Up, Character, Paragraph, Fit To Path, Spell Checker, Find, Replace, Edit Text

Special Menu – Symbol Rollup, Preset Rollup, Create Pattern.

## **Reference Books For Paper-III:**

1. Internet An Introduction -By Cistems School Of Computing ( Tata McGraw-Hill Publication )
2. Mastering The Internet -By Glae Harrach Cady,Pat Mcgreger (Bpb Publication)
3. “O” Level Made Simple-Internet & Web Page Designing - By Satish Jain, Shashi Singh (Bpb Publication)
4. Html Source Book - By Ian S Graham (John Wiley & Sons,Inc.)
5. Mastering CorelDraw - By Rick Altman (Bpb Publication)
6. Venus Computer Campus- 2 (Venus Publication)
7. Unix Concept & Application -By Sumitabha Das