

CWDD - 101 Computer Fundamentals & Web Designing

BLOCK- 1

Unit 1- Introduction to Computer, Generations of Computer, Functions of the Different Units (Input unit, Output unit, Memory unit, CPU), Input and Output Devices.

Unit 2- Types of Memory, BIOS, Hardware and Software, Introduction to Operating System(CUI & GUI), Functions of OS, Translators (Assembler, Compiler & Interpreter) Computer Languages.

Unit 3- Introduction to Network (Types, Topologies, Applications and Advantages, Devices used in Networking).

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Unit 4- Introduction to Internet (Applications, IP Address, Types of Internet Connection, WWW and Web Browsers, Connecting to the Internet, etc.)

Unit 5- Basic Terminologies and hardware software required to access Internet-(URL, Hosting, DNS, Protocols, OSI Model, Search Engines, Publishing Web Page, Surfing the web, Using e-governance website).

Unit 6- Introduction to HTML - font styles, hyperlinking, images embedding, tables, inline-frame, attributes, Headings Paragraphs, Lists, Colors, Form elements etc. and Web Page Structure

BLOCK- 3

Unit 7- CSS - CSS Introduction, Selectors *Id & Class*, Styling Backgrounds, Fonts, pseudo classes, border, margin, padding

Unit 8- CSS3 Introduction, CSS Vs CSS3, Properties like Rounded Corners, Colors Gradients, Shadows Text, 2D Transforms, 3D Transforms, Transitions, Animations etc.

Unit 9- HTML5 Introduction - Support Elements, Semantics, Migration, Style Guide Media, Sample Web Page Designing (tips and tricks), use of Div tag, Responsive web, Static V/S Dynamic Websites.