

# “Har Ghar Pathshala”

<b>Class</b>	11 <sup>th</sup>
<b>Subject</b>	Computer Science

## Marks Distribution for 2<sup>nd</sup> Term Assessment December 2020

Sr. No.	Name of Chapter	Marks Allotted
1	<b>Chapter 1</b> , Fundamental of Computer	<b>09</b>
2	<b>Chapter 2</b> , Digital Network Essentials	<b>09</b>
3	<b>Chapter 3</b> , Desktop Publishing (Elementary)	<b>07</b>
4	<b>Chapter 4</b> , Digital Image Editing	<b>07</b>
5	<b>Chapter 5</b> , HTML Fundamentals	<b>10</b>
6	<b>Chapter 6</b> , Advanced Web Publishing (JavaScript)	<b>12</b>
7	<b>Chapter 7</b> , Multimedia Applications (Sound & Video Editing)	<b>06</b>
	<b>Total Marks</b>	<b>60</b>

## Final Syllabus

Name of Chapter	Syllabus
<b>Chapter 1</b> Fundamental of Computer	Computer and its applications, Block Diagram of Computer, Concept of Memory (Primary and Secondary memory), Input & Output Devices, Concept of Software (System and Application software), Number System (Binary, Decimal), Conversion between binary and decimal number system.
<b>Chapter 2</b> Digital Network Essentials	Web Browsing, Multimedia on the Web, Web Search Engines, E-mail, Transmission Medias- Guided Media: Twisted pairs, Coaxial Cable, Optical fibers, Unguided transmission media: Radiowave, Microwave, Satellite, Wi-Fi. Network Classification- LAN, MAN, WAN, PAN.
<b>Chapter 3</b> Desktop Publishing (Elementary)	Concept of Desk Top Publishing, Application of DTP, Comparison of <b>DTP</b> with Word Processing, Introduction to Page maker, creating a new publication using Page maker, saving a file in Page maker, Various tools in PageMaker for designing pages, and Hands on with Page maker.
<b>Chapter 4</b> Digital Image Editing	Understanding Photoshop – Classification of Images (Bitmap, Vector Images), Image types, Image Size and Resolution, Creating a Digital

	College, Working with Files, Tool box, Drawing with Pen Tool, Creating Brush-Filling and Stroking Selection and Layers. Transforming and Typing, Rotating, Cropping, and Flipping Images.
<b>Chapter 5</b> HTML Fundamentals	Introduction to web page Designing using HTML, creating saving an HTML document, Elements in HTML container and Empty elements, Designing web pages using the following elements : HTML, HEAD, TITLE, BODY (Attributes BACK GROUND, 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, ALIGN, NOSHADE, COLOUR), Comments, For comments H1.H6 (Heading), P (Paragraph) B (Bold), I (Italics), U (Underling), UL&OL (Unordered List & Ordered List), Attributes: Type, Start, L1 (List Item).
<b>Chapter 6</b> Advanced Web Publishing (JavaScript)	Need of Web Publishing, Web Languages, JavaScript Introduction, JavaScript Fundamentals-features of the JavaScript Language to design client-side, Variables, Data Types, Operators , Write JavaScript Programs, Control program flow (Conditional Statements and Looping Statements), the most popular applications of JavaScript, Cookies.
<b>Chapter 7</b> Multimedia Applications (Sound & Video Editing)	Sound editing - The nature of sound; Microphones and its types, their characteristics and application in film and television production, the sound track and sound editing, sound editing and languages dubbing, Video Editing, Editing types: linear and non-linear editing,

## Distribution of marks

Sr. No.	Type of Questions	No. of Questions	Question Number	Marks per Question	Total Marks
1	<i>True/False</i>	<b>10</b>	Q1	<b>1</b>	<b>10</b>
2	<i>Very-Very short Answer Questions</i>	<b>2</b>	Q3(c), Q4(b)	<b>2</b>	<b>04</b>
3	<i>Very Short Answer Questions</i>	<b>2</b>	Q2(c), Q5(a)	<b>3</b>	<b>06</b>
4	<i>Short Answer Question</i>	<b>5</b>	Q2(a)(b), Q3(a)(b), Q4 (a)	<b>4</b>	<b>20</b>
5	<i>Long Answer Questions</i>	<b>4</b>	Q5(b), Q6(a), Q6(b), Q6(c)	<b>5</b>	<b>20</b>
	<b>Total</b>	<b>23</b>	<b>6</b>	<b>-</b>	<b>60</b>

***Note: 30% chapter wise syllabus deleted by HPBOSE has not been included for 2<sup>nd</sup> Term Assessment December 2020***

# “Har GHar Pathshala”

<b>Class</b>	12 <sup>th</sup>
<b>Subject</b>	Computer Science

## Marks Distribution for 2<sup>nd</sup> Term Assessment December 2020

Sr. No.	Name of Chapter	Marks Allotted
1	<b>Chapter 1</b> , Network Operating System	<b>07</b>
2	<b>Chapter 2</b> , Network Operating System Administration	<b>07</b>
3	<b>Chapter 3</b> , Desktop Publishing (Advanced)	<b>07</b>
4	<b>Chapter 4</b> , Elementary Server Side Scripting Using PHP	<b>12</b>
	<b>Chapter 5</b> , RDBMS Concepts and MYSQL	<b>10</b>
	<b>Chapter 6</b> , PL/SQL	<b>07</b>
	<b>Chapter 7</b> , Internet Business Applications	<b>10</b>
	<b>Total Marks</b>	<b>60</b>

## Final Syllabus

Name of Chapter	Syllabus
<b>Chapter 1</b> Network Operating System	Overview and History of Linux, Linux Kernel, Linux Resources, Advantages of Linux, Creating and Viewing Files, Basic shell concept, shell commands, I/O redirection, pipelines, vi editor, Cyber Laws.
<b>Chapter 2</b> Network Operating System Administration	Window NT & it's advantages, Difference between Linux and Windows NT, Linux firewall and it's types, Managing Storage Devices Understanding basic disk concepts and manage system disks, logical volume concepts and managing logical columns, swap space, Mount point view
<b>Chapter 3</b> Desktop Publishing (Advanced)	Introduction to CorelDraw, Various components of CorelDraw window, Tools in CorelDraw, Creating Graphics & saving files, Hands on with CorelDraw.
<b>Chapter 4</b> , Elementary Server Side Scripting Using PHP	Difference between XHTML and HTML, Fundamentals of PHP, it's advantages, Variables, Data Types, Operators, scope of variable, Control Program Flow (Decision statement and Looping statements)
<b>Chapter 5</b>	Basic of database systems, Problems in Traditional file oriented

RDBMS Concepts and MYSQL	approach, Three level architecture of DBMS, Advantages and Disadvantages of RDBMS, SQL Statements: DDL Statements, DML Statements, DCL Statements, TCL Statements, SQL Functions.
<b>Chapter 6</b> PL/SQL	PL/SQL block structure, Basics of PL/SQL, Controlling PL/SQL Flow for Execution, If statements, IF-THEN-ELSE statement Execution Flow, IF-THEN-ELSEIF statement Execution Flow, LOOP Statement, Basic Loop, For Loop, While Loop.
<b>Chapter 7</b> Internet Business Applications	Concept of on line service-E-Commerce Practice, Net Banking, Various kinds of online reservations such as railways, Hotels etc., Social Networking viz, Facebook etc.

## Distribution of marks

Sr. No.	Type of Questions	No. of Questions	Question Number	Marks per Question	Total Marks
1	<i>True/False</i>	<b>10</b>	Q1	<b>1</b>	<b>10</b>
2	<i>Very Short Answer Questions</i>	<b>6</b>	Q2(a)(b), Q3(a)(b), Q4(a)(b)	<b>3</b>	<b>18</b>
3	<i>Short Answer Questions</i>	<b>3</b>	Q4(c), Q6 (a)(b)	<b>4</b>	<b>12</b>
4	<i>Long Answer Questions</i>	<b>4</b>	Q3(c), Q5(a)(b),Q6(c)	<b>5</b>	<b>20</b>
	<b>Total</b>	<b>23</b>	<b>6</b>	<b>-</b>	<b>60</b>

***Note: 30% chapter wise syllabus deleted by HPBOSE has not been included for 2<sup>nd</sup> Term Assessment December 2020***