M.K Institute of Computer Studies,Bharuch
Web Designing

UNIT I (HTML)

Short Questions [2 marks each]

1.	What is difference between cell spacing and cell padding with example	
2.	Write merits and demerits of frame	
3.	Differentiate between absolute path and relative path name	
4.	Explain "Hypertext" and "Hotspot" ,	
5.	Name any three video formats with their full form	
6.	Name any three audio file formats with their full form	
7.	Name the tags written within <HEAD> tag.	
8.	Explain HTML tag to link to : a. Different Document b. Some portion within the same document	
9.	Explain anchor tag	
10.	What is Image Map?	
11.	Explain < Link > Tag.	
12.	State the use of <img>tag. What is the meaning of ALT & SRC attributes of <img> tag?	
13.	Which are tags used to create table in html.	
14.	What is the use of <ADDRESS> tag?	
15.	What is container tag?	
16.	Headings and lists elements.	
17.	Write attributes of FONT tag.	
18.	Explain about Marquee.	
19.	How to create image as hyperlink in HTML? Give example.	
20.	What is the use of <SPAN> and <DIV> tag?	
21.	Write all tags names which have attribute HREF.	
22.	State the purpose of <TH> tag.	
23.	What is an inline frame?	

Long Questions

1.	List out various container and non-container elements in HTML and explain any one container and non-container element with proper example	7
	OR	
1.	Explain difference between singular and non singular tags. Explain two tags of each type.	5
2.	Explain Form elements of HTML in detail giving example	7
3.	Write detailed note on GET and POST methods	7
4.	Define 'HTML'. Explain structure of HTML script.	7
5.	Write detailed note on HTML vs. DHTML	4
6.	Write a note on HTML codes related to creating frames.	3
7.	Explain any three video and audio file formats	7
8.	Discuss any 6 text formatting codes used in Html. Give example of each.	6
9.	Explain inline, internal(embedded) and external style sheet with example	6
10.	Explain all HTML tags and attributes related to creation of table. Write Html script to create a table which displays students roll no, name, and marks for 3 subjects. Provide title "Marks" above subject marks column.	4

11.	How to create types of lists? Describe various components of Lists and their examples.	5
12.	How to map images? Explain Audio and Video tags used within web page with illustration.	6
13.	Define <frameset> tag with suitable example	

UNIT I
FrontPage

Short Questions [2 marks each]

1.	How will you apply DHTML effects in FrontPage?	
2.	Define theme. What is importance/advantage? How can we apply theme to web page.	

Long Questions

1.	Write a note on DHTML filters available in FrontPage.	4
2.	Write a note on DHTML page load effects.	4
3.	Explain steps to create frame in front page. Which points should be taking into the account while creating a frame?	3
4.	List out advantages and disadvantages of frame. Write steps to create and modify frame in FrontPage.	4
5.	List out DHTML effects available in FrontPage. Which events are applied on form-field button?	6
6.	Discuss various views of FrontPage	4
7.	What is hotspot and thumbnail and hit counter in FrontPage?	7
8.	Explain use of navigation bar in FrontPage	3

UNIT II
DHTML & JavaScript

Short Questions [2 marks each]

1.	What is static and dynamic page	
2.	What is the structure of JavaScript?	
3.	Explain indexOf () and split () methods.	
4.	What is server side script?	

Long Questions

1.	Explain the following giving example of each and differentiate them. (i) Static page (ii) Dynamic page (iii) Active Page.	7
2.	Explain advantages to DHTML. "DHTML" provides value addition to static web page." Justify the sentence.	3
3.	Explain difference between server-side script and client-side script	3
4.	Discuss benefits of scripting language for form validation at user side, provide suitable example of any client sides scripting language	6
5.	Write a detailed note on Server side scripting.	6
6.	Discuss form processing with DHTML on submit and on Reset event.	4
7.	Does DHTML contain in built JavaScript codes? Explain functionality of dynamic and active pages.	4
8.	Describe event driven features provided by DHTML. Explain appropriate examples.	6
9.	Short notes on Looping Statements in JavaScript.	4
10.	Explain operations and looping statements of JavaScript	6
11.	What is use of confirmation box? Write a script to demonstrate it.	4
12.	Differentiate between alert and prompt dialog box giving suitable example	4
13.	Write a Java-Script, which takes two numbers through textbox display multiplication of it in another textbox on clicking on button.	4
14.	Write a JavaScript, which calculate sum of two numbers, accepted using textbox and display the total in the third textbox. The action performs on click event on button	4
15.	Write a Java-Script, which takes a number through textbox display factorial of it in another textbox on clicking on button.	4
16.	Write JavaScript which calculates interest payable on accepted amount and for given months. Rate of interest is 10% if months above 60 otherwise 8%. Use appropriate controls within form.	6
17.	Write a JavaScript which reverse the number accepted in textbox	6
18.	Write a JavaScript which count number of vowels available in textbox.	6
19.	Write a JavaScript to accept any string and reverse it.	7
20.	Write a java script to accept a number using form and display double and Square using checkboxes.	6

UNIT III

Short Questions [2 marks each]

1.	Explain IP addressing scheme.	
2.	What is URL? What is function of URL? Differentiate between absolute and relative pathname.	
3.	Define 'Protocol'. Give names of various protocols with brief description of at least two of them.	
4.	Define Browser. Name any two browsers.	
5.	What factors affect the download speed of an image?	
6.	What is use of DNS?	
7.	Factors affecting download speed of website.	
8.	What is domain name?	

Long Questions

1.	Explain web server and web browser. Also explain when and how they communicate with each other as well as what they do independently while opening a website	7
2.	Write detailed note on FTP and HTTP. Also write differences between them. Explain which one is useful and when?	7
3.	Write a detailed note on URL resolution process.	4
4.	Explain IP addressing. Also explain its significance for INTERNET. Explain how web browser communicates with web server in case of FTP.	7
5.	Write a note on DNS	7
6.	Explain about IP Addressing	4
7.	What is function of various Internet Protocols? Explain any three protocols by giving suitable example	7
8.	Write significance and working of Browsers	4
9.	Explain the format of virtual and physical domain name.	4
10.	Write short note on Web hosting process	4
11.	Describe functionality of protocols to host a webpage. Describe process of upload and download	6
12.	What is website? Describe types of websites. What features can be provided to make it user friendly?	6

UNIT IV
Flash & Animation

Short Questions [2 marks each]

1.	How 3D Animation differs from 2D Animation?	
2.	How we can create interactive animation?	
3.	Explain 'Ant aliasing'.	
4.	Explain 'Tweened Animation'	
5.	How to activate animation?	
6.	What is difference between key frame and blank frame?	
7.	What is difference between graphic and movie clip behavior.	

Long Questions

1.	Explain in detail the process of creating animation using various methods.	7
2.	Write a detailed note on 3-D animation.	4
3.	Write a note on Animation.	7
4.	Explain following actions: (i) Goto & Play (ii) Load Movie (iii) Stop (iv) Get Url	4
5.	Explain significance of following tools : (i) Paint bucket Tool (ii) Arrow tool (iii) Ink Bottle Tool (iv) Lasso tool (v) Pen Tool (vi) Dropper Tool	6
6.	What is tweening? Write steps to create different types of tweening	7
7.	Steps to create motion guide layer.	4
8.	Steps to create mask layer	4
9.	Steps to create animated button	4

TOPIC

Image Compression, File Formats, Multimedia &its applications & Vector & Bitmap Graphics.

Short Questions [2 marks each]

1.	Differentiate between GIF & JPEC file formats	
2.	Explain in brief 'PNG' and 'MPEG' file formats.	
3.	Differentiate : Vector & Bitmap Graphics.	
4.	Write full form of PNG, JPEG, GIF.	
5.	Explain working of any two data compression tools.	
6.	What is lossy compession? For whch files lossy compression is better?	
7.	Why are vector graphics resolutions independent?	
8.	Which are common image formats used on web?	
9.	Which factors affect the download speed of an image?	

LONG QUESTIONS

1.	JPEG & GIF File formats	4
2.	Lossy & Lossless compression techniques	7
3.	Define 'Multimedia'. Explain it in detail. Write detailed not on its applications. Also write something about "multimedia in future age".	7
4.	Explain difference between vector and bitmap images. How they are created? Also explain creation of multi- layer images.	7
5.	What is Multmedia? What are main components of Multimedia?	6
6.	Explain how JPEG files are compressed	
7.	Features of Multimedia	7
8.	Application of Multimedia.	

Extra Questions
Long Questions

1.	Explain concept of filters. How filters is applied on image? How the transformation and storage of images take place.

2.	An image contain a natural scene. Apply filter on image to convert it into
	   a. Black and white
	   b. Reverse color format
	   c. Reverse the sides of image
	Write steps to perform above action. Also mention the filter which you are using to perform this task.

3.	What are layers. Explain its use and steps involved in creation of image multi layered image. Also explain layer mask.
4.	Explain working of CGI script.
5.	What is CGI code? Provide an example of CGI code for post process on html form which contain order for an item.
6.	Explain working of CGI Script (2 marks)
7.	Color model
8.	Image scanning and printing.