

**Meerut Institute of Engineering and Technology**  
**Department of Computer Science and Engineering**

**Important Question Unit/CO- Wise**

**Unit-1**

Q1:- Explain in detail about the following.

- i) Responsive Web Designing
- ii) Static and Dynamic Websites using separate examples.
- iii) Features of HTML and what coding practices are required for good HTML programming

Q2:- Discuss the basic principles involved in developing a website.

Q3:- Explain the steps used for planning process of a website.

Q4:- Explain in detail about Web Standards and W3C recommendations.

Q5:- Discuss:-

- i) Why HTML is called a mark-up language?
- ii) Elements of HTML.

**Unit-2**

Q1:- Explain the different tags and attributes used in designing of HTML table. Create following table with the properties assigned using HTML.

Electronics Item	Grocery	
Mobile Phones	Laptops	Furniture
Renew Items (Background Color yellow)		Go to next Page (Link)

Q2:- Explain in detail about the following

- i) Using Images, Hyperlinks and Multimedia in HTML using an example.
- ii) Mark up Tags and Line break using separate examples

Q3:- Discuss a frame and its advantages. Design HTML document that divides the browser screen into two frames. The frame on the left will be a menu consisting of hyperlinks.

Clicking on any one of these links will lead to a new page open in the target frame on right hand side.

Q4:- Design the below forms in HTML assuming suitable fields required.

- i) Student Registration form
- ii) Railway Reservation Form

Q5:- Explain Lists in HTML with the help of an example. Write a program to design the below list:-

Fruits:

- (i) Mango
- (ii) Apple
- (iii) Banana

### **Unit-3**

Q1:-Explain box model in CSS. Write a CSS program that makes all the text 2.5 times larger than the base font of the system.

Q2:-Explain the different types of selectors available in CSS, along with the syntax and example of each.

Q3:- Discuss Navigation bar. Construct a web page using CSS to show the 3 horizontal and 3 vertical navigation bars that links to the different web pages.

Q4:- Discuss CSS and its types. Also explain CSS properties and advantages.

Q5:- Write a short note on:-

- i) Creating page Layout and Site Designs in Cascade Style Sheet (CSS).
- ii) Inline and block Elements
- iii) CSS List and Table Properties

### **Unit-4:**

Q1:- Explain in details:-

- i) JavaScript Arrays
- ii) JavaScript Objects

Q2:- Design an educational website having four pages. First page should be as home page having information of the college, Images and Links for the other pages like contacts,

Courses (Give the list of different courses) and registration form (name, father name, email id and phone number). Apply validation on all the fields (name, father name, email id and phone number).

Q3:- Explain the various event handlers in JavaScript with an example of each. Create JavaScript program to create arithmetic calculator.

Q4:- Discuss in detail about the following:-

- i) JavaScript(JS) Popup boxes
- ii) JavaScript loops and data types

Q5:- Discuss briefly about the concept of Client Side Scripting. Give a brief Introduction to Java Script.

## **Unit-5**

Q1:- Give a detailed explanation about the following.

- i) Maintaining a Website
- ii) The role of FTP Client.

Q2:- Explain the SEO and its importance. Differentiate between OnPage Optimization and OffPage Optimization under SEO. Discuss onPage Optimization Factors.

Q3:- Explain the use of domain name and hosting. Write about the different types of hosting.

Q4:- Illustrate DNS and its working. Explore domain name registration process in detail.

Q5:- Define Control Panel and name most used panels. Write steps to create mail using cPanel.