Hi-Tech Institute of Engineering and Technology
B.Tech (CS /AI) Examination
(SEMESTER – 5th Sem) Odd Semester
WEB DESIGNING – KCS052

Time: 3 Hours   *Total Marks: 100*

Faculty Name: Mr. Pawan Kumar

Note: Attempt all Sections. If you require any missing data, then choose suitably.

SECTION A

1.   **Attempt *all* questions in brief.**   **2*10 = 20**

Q.no	Questions	Marks	CO
(a)	Discuss in brief about the term Website	2	1
(b)	Discuss briefly about the Planning process in developing a Website.	2	1
(c)	Name the Elements of HTML.	2	2
(d)	What do you understand by the Hyperlinks in HTML?	2	2
(e)	Write in brief about the Cascade Style Sheet (CSS).	2	3
(f)	What do you understand by the Navigation Bar?	2	3
(g)	Discuss briefly about the concept of Client Side Scripting.	2	4
(h)	Give a brief Introduction to Java Script.	2	4
(i)	What do you understand by the Web Hosting?	2	5
(j)	What do you understand by Registering domains?	2	5

SECTION B

2.   **Attempt any *three* of the following:**   **10*3 = 30**

Q.no	Questions	Marks	CO
(a)	Give a detailed explanation about the following. i) Maintaining a Website ii) On page Optimization under Search Engine Optimization.	10	5
(b)	Explain in detail about the following. i) Domains and Hosting, Responsive Web Designing ii) Static and Dynamic Websites using separate examples.	10	1
(c)	Give the Complete description about the Cascade Sheet Styling with the help of an example.	10	3
(d)	Discuss in detail about the following. i) JavaScript Types ii) Java Script Loops	10	4
(e)	Discuss in detail about the following. i) Working with Lists in HTML using an example. ii) Tables and Frames in HTML using an example.	10	2

SECTION C

3.   **Attempt any *one* part of the following:**   **10*1 = 10**

Q.no	Questions	Marks	CO
(a)	Write short notes on following. i) Defining Name Servers ii) Creating Emails in Cpanel	10	5

(b)	Explain in detail about the following
	    i) Using Images and Multimedia in HTML using an example.
	    ii) Tables and Frames in HTML with the help of an example.
		10	2

4.   **Attempt any *one* part of the following:**   **10 *1 = 10**

Q.no	Questions	Marks	CO
(a)	Discuss in detail about the Web Standards and W3C recommendations	10	1
(b)	Explain in detail about Creating page Layout and Site Designs in Cascade Style Sheet (CSS).	10	3

5.   **Attempt any *one* part of the following:**   **10*1 = 10**

Q.no	Questions	Marks	CO

(a)	Discuss in detail about the following.
	    i) Using Java Script in Real time
	    ii) Validation of Forms
		10	4

(b)	Discuss in detail about the following.
	    i) Types of Hosting Packages
	    ii) Importance of Search Engine Optimization(SEO)
		10	5

6.   **Attempt any *one* part of the following:**   **10*1 = 10**

Q.no	Questions	Marks	CO
(a)	Why early planning is useful to develop an effective website? Give proper example in favor of your reason.	10	1

(b)	Explain the following.
	    i) Responsive Web Designing using an example
	    ii) Mark up Tags and Line break using separate examples
		10	2

7.   **Attempt any *one* part of the following:**   **10*1 = 10**

Q.no	Questions	Marks	CO
(a)	Write a detailed note on the following: (i) Java Script(JS) Popup Boxes (ii) Java Script (JS) Events	10	4
(b)	Write a detailed description about the Box Model under the Cascade Style Sheet (CSS).	10	3