Ajay Kumar Garg Engineering College, Ghaziabad
Department of Information Technology
Pre-University Test

Course: B.Tech   Semester: 4
Session: 2019-20   Section: IT-1 & IT-2
Subject: Web Designing   Sub. Code: KIT-401
Max Marks: 100   Time: 3Hrs.

OBE Remarks:

Q.No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CO No.							CO4	CO4	CO5	CO5						CO4	CO4	CO5	CO5	

Note : Answer **all** the sections.

Section-A

   A. Attempt **all** the parts.   **(10x2 =20)**

1. What do you understand by hypertext and hyperlink?
2. What is a document type in HTML?
3. What is style attribute in HTML?
4. How do images serves as hyperlink in HTML? Show with code.
5. How many files would you need to store on a web server to produce a single web page with some text and two images on it?
6. What is web browser?
7. Write a program in JavaScript to print array elements in a list.
8. Name the types of function in JavaScript. Can anonymous function be assigned to a variable?
9. What is cpanel for web hosting?
10. What is domain name? Explain.

Section-B

   B.   Attempt **Any three**.   **(3x10 = 30)**

11. What do you mean by forms? Create a form to input user details (name, email and mobile number).
12. What do you understand by the client side scripting? Write the differences between client and server side scripting. Also write the which programming language is used for them.
13. Explain the class box model in CSS with suitable example.
14. Explain the array in Java Scirpt. Write the 5 array function with example.
15. Explain the CSS selector in detail with examples.

Section-C

C. Attempt **all** the parts.   **(5x10 = 50)**

16. Attempt any one.

a) Write a JavaScript function that accepts a string as a parameter. Explain and apply the search, replace, indexof, slice and substr methods on input string.

b) Write a JavaScript program to calculate multiplication and division of two numbers (input from user). You need to design a form then need to take input from the user and add two buttons for multiplication and division then perform the operation.

17. Attempt any one.

a) There are two arrays with individual values, write a JavaScript program to compute the sum of each individual index value from the given arrays.

b) How we do the form validation in java script. Validate name, email and mobile number.

18. Attempt any one.

a) What is the Onpage SEO and Off page SEO. Explain.

b) What are features of cpanel? How to create email account using cpanel?

19. Attempt any one.

a) What do you understand by the web hosting. Explain the types of web hosting.

b) What do you understand by the SEO. What is the importance of Search Engine Optimization?

20. Attempt any one.

a) Explain the various events in Java Script. Write a program in java script to add the rows in the table.

b) What do you understand by the term Website Planning? What are the things to consider while planning a website?