KADI SARVA VISHWAVIDYALAYA

BE SEMESTER-III Examination December - 2023

Subject Name: IT Workshop
Subject Code: CT305-N

Date: 20/12/2023   Time: 12:00 pm to 3:00 pm   Total Marks: 70

Instructions:
1. Answer each section in separate answer sheet.
2. Use of scientific calculator is permitted.
3. All questions are Compulsory.
4. Indicate clearly, the option you attempt along with its respective question number.
5. Use the last page of main supplementary of rough work.

Section-I

Q-1 (A) What is HTTP? What are HTTP Request and HTTP Response Message? Explain in Detail. [5]

(B) Write an HTML code to display following table. [5]

A	B		C
D	E	F	G
	H	I	

(C) Differentiate below. [5]
  i. Client side scripting and server side scripting.
  ii. Web Browser and Web Server.

OR

(C) What is Frameset? Explain the use of frameset in web site design with proper example. [5]

Q-2 (A) What is CSS? Explain Inline and External CSS with example. [5]

(B) List CSS background properties. Explain CSS background properties with suitable example. [5]

OR

Q-2 (A) Explain id, class and element selectors with example. [5]

(B) Explain CSS Margin, Padding and Border properties with example. [5]

Q-3 (A) Write a javascript program to check whether enter string is palindrome or not. [5]

(B) Write note on Document Object Model. [5]

OR

Q-3 (A) Write javascript program to check whether enter number is prime or not. [5]

(B) Design HTML form with (Name, Address, Mobile Number and submit button). write a javascript to validate Name and Mobile Number. [5]
  i. Name should not be empty
  ii. Enter value must be numeric.

Section-II

Q-4 **(A)** List mouse events in Javascript. Explain onmouseover and onmouseout event with proper example. [5]

(B) Design a Web Page which contains image and button. When button is clicked image get changed periodically (after 10 second). Write HTML and Java script code to generate the same. [5]

(C) What is XML? Explain XML file and XML schema file with example. [5]

OR

(C) What is Ajax? State advantage and disadvantage of Ajax. [5]

Q-5 **(A)** Differentiate below. [5]

    i. GET and POST Method
    ii. ECHO and PRINT

(B) Explain index array and associative array in PHP with example. [5]

OR

Q-5 **(A)** Explain database connectivity in PHP with example. [5]

(B) Write a PHP program to print first 10 Fibonacci numbers. [5]

Q-6 **(A)** Differentiate between HTML and XML. [5]

(B) Write a PHP program to make sum of first 100 even numbers. [5]

OR

Q-6 **(A)** Explain useful functions of Scilab. [5]

(B) List and explain the website design principles. [5]

KADI SARVA VISHWAVIDYALAYA
LDRP INSTITUTE OF TECHNOLOGY AND RESEARCH, GANDHINAGAR.
B.E. SEM - III (CE/IT) MID SEMESTER EXAM – NOVEMBER '23

Date : 06/11/2023   Subject   : IT Workshop
Time : 09:15 a.m. to 10:45 a.m.   Subject Code : CT305-N
Day   : Monday   Marks   : 30

Instructions:
   1) All questions are compulsory.
   2) Figures to the right indicate full marks.
   3) Draw figures and give example where necessary

Que 1: (A) What is HTTP? Explain HTTP Request and HTTP Response Message.   [5]

(B)   What is CSS? Explain External and Internal CSS with example.   [5]

Que 2:

(A)   Write Java script program which accept N as input and print first odd number. [5]

(B)   Differentiate between HTML and XML.   [5]

OR

(A)   List and explain web site design principles.   [5]

(B)   List CSS selectors. Explain any three CSS selectors with example.   [5]

Que 3:

(A)   Enlist inbuilt object of JavaScript. Explain any one object with it's method.   [5]

(B)   Explain img and anchor (a) tag with example in HTML.   [5]

OR

(A)   Explain alert() and prompt() Pop-up Dialog box with example.   [5]

(B)   Design below table in HTML.   [5]

A		B
C	D	E
	F	G

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KADI SARVA VISHWAVIDHYALAYA
B.E. Semester-III Examination-December-2022
Branch: - CE & IT   Subject Code: - CT305-N   Subject Name: - IT Workshop

Date: -19/12/2022   **Time:-10:00 AM to 01:00 PM**   **Total Marks: -70**

Instructions:
1. Answer each section in separate answer sheets.
2. Use of scientific calculator is permitted.
3. All questions are **compulsory**.
4. Indicate **clearly**, the options you attempt along with its respective question number.
5. Use the last page of the main supplementary for **rough work**.

Section – I

Q:1 Answer the following questions:

(A) Explain WWW architecture with figure. (5)

(B) Describe Website Design principles. (5)

(C) Explain any five HTML tags with example (5)

OR

(C) Explain iframe, img, input, and mark and meta tag with example. (5)

Q:2 Answer the following questions:

(A) Explain HTML layout elements with any one example. (5)

(B) Explain three different ways of adding CSS with example. (5)

OR

Q:2 Answer the following questions:

(A) Explain properties of text, borders, boxes, margin and padding in one example. (5)

(B) Explain CSS syntax and structure with example. (5)

Q:3 Answer the following questions:

(A) Explain any five background image properties. (5)

(B) What is JavaScript? Give one example How we can implement in HTML code? (5)

OR

Q:3 Answer the following questions:

(A) Explain variables functions and conditions in JavaScript with one example. (5)

(B) Create HTML code with JS which take integer number as input and tells whether the number is ODD or EVEN. (5)

(PTO)   1

Section II

Q:4 Answer the following questions:

(A) What is DOM in JavaScript? How does JavaScript interact with DOM explain with example.   (5)

(B) What is XML? Give one example for XMLHttpRequest.   (5)

(C) Describe AJAX advantages and disadvantages.   (5)

OR

(C) Difference between HTML and DHTML.   (5)

Q:5 Answer the following questions:

(A) What is PHP & PHP file? What PHP can do? Explain PHP syntax.   (5)

(B) Explain Database and features of MySQL.   (5)

OR

Q:5 Answer the following questions:

(A) Write PHP program to check if number is palindrome or not.   (5)

(B) Explain PHP arrays with one example.   (5)

Q:6 Answer the following questions:

(A) Write PHP program to insert values of feedback form into database. (5)

(B) Explain SciLab in detail.   (5)

OR

Q:6 Answer the following questions:

(A) Write PHP Script for Login authentication.   (5)

(B) What is WordPress used for? Mention five benefits of WordPress.   (5)

**********************All the best**********************

2

(PTO)

KADI SARVA VISHWAVIDYALAYA
LDRP INSTITUTE OF TECHNOLOGY & RESEARCH, GANDHINAGAR
B.E. MID-SEMESTER EXAMINATION NOVEMBER- 2022

Date : 07 /11/2022   Branch   : BE

Subject Name & Code: IT WORKSHOP(CT305-N)   Semester : 3rd

Time : 1:30 PM to 3:00 PM   Max. Marks : 30

Instructions:
1) All questions are **compulsory**.
2) Figures to the **right** indicate full marks.
3) Use of scientific calculator is permitted.
4) Indicate **clearly**, the options you attempt along with its respective question number.
5) Use the last page of main supplementary for **rough work**.5

			Marks
Q.1	(A)	Explain Web server in one example.	[5]
	(B)	Explain area and image tag in one example.	[5]
Q.2	(A)	Explain five CSS background prosperities in one example.	[5]
	(B)	Explain CSS margin & padding by example.	[5]
		OR	
Q.2	(A)	Explain Validation in JavaScript with example.	[5]
	(B)	What is HTML DOM?	[5]
Q.3	(A)	Difference between HTML and DHTML.	[5]
	(B)	Explain Ajax advantages and disadvantages.	[5]
Q.3		OR	
	(A)	Explain five elements of XML in one example.	[5]
	(B)	Explain basic jQuery syntax.	[5]