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CVWDD-102

Advanced Web Development

C.Voc.(Web Designing and Development)

Examination 2021 (Winter)

Time: 2 Hours   Max. Marks: 100

Note : This paper is of hundred (100) marks divided into two (02) Sections A and B. Attempt the questions contained in these sections according to the detailed instructions given therein.

Section – A

(Long Answer – type questions)

Note: Section 'A' contains Five (05) long-answer-type questions of Twenty Six (26) marks each. Learners are required to answer any two (02) questions only.

[2 x 26 = 52]

P.T.O.

Q.1. (A) What is Scripting Language? Differentiate between Client & Server-side Scripting Language? Explain with the help of an example. (14)

(B) Explain various events used in Java Script. (12)

Q.2. (A) Define JavaScript. How can you incorporate JavaScript in HTML pages? Explain with the help of a program. (14)

(B) Differentiate between pre-defined and user defined functions. (12)

Q.3. (A) Design a HTML feedback form with following fields- Name, email, contact, feedback And, validate this form with the help of JavaScript. (14)

(B) Why Cookies are used in JavaScript? Explain. (12)

Q.4. (A) Explain various tokens used in JavaScript. Explain with the help of examples. (14)

(B) What is DHTML? Why is it different from HTML? (12)

Q.5. (A) What are arrays? Write a program in JavaScript to display data from an array to HTML page. (14)

(B) What is JQuery? Why is it used for? (12)

Section – B

(Short-answer-type questions)

Note: Section 'B' contains Eight (08) short-answer-type questions of Twelve (12) marks each. Learners are required to answer any Four (04) questions only.

[4 x 12 = 48]

Q.1. (A) What is Document Object Model? How it is different from HTML DOM? (6)

(B) What are the various selectors used in JQuery? (6)

Q.2 (A) What is the need of mobile application development? Explain in detail. (6)

(B) Differentiate between Synchronous & Asynchronous JavaScript. (6)

Q.3 (A) Explain different operating systems of mobiles in detail. (6)

(B) What is W3C? What is work W3C? (6)

P.T.O.

Q.4 (A) What are different conditional statements used in PHP? Explain with examples. (6)

(B) What is XML? How to represent the XML Document? (6)

Q.5 (A) Explain Server-Side scripting language with reference to PHP. What is the code structure of PHP? Explain with the help of a program. (6)

(B) What is the importance of android in the mobile market? (6)

Q.6 (A) Explain file handling in PHP. Write a program for reading, and writing a file by using PHP. (6)

(B) How an error is detected within a program? (6)

Q.7 (A) What is AJAX? Explain XML Http Request object with the help of a program. (6)

(B) What is SQL? Define in detail. (6)

Q.8. (A) What is $() factory event? Explain with the help of example. (6)

(B) What are the key features of MySQL? (6)