16/17MCA42

Fourth Semester MCA Degree Examination, Dec.2019/Jan.2020
Advanced Web Programming

Max. Marks: 80

Note: *Answer any FIVE full questions, choosing ONE full question from each module.*

Module-1

1 a. What is jQuery? Explain the document ready handler with syntax. How jQuery is structured? **(08 Marks)**
   b. Explain different methods used for adding and removing class names with example. **(08 Marks)**

OR

2 a. Explain any four basic selectors of jQuery with suitable examples. **(08 Marks)**
   b. Illustrate with an example append( ), wrap( ), empty( ) and val( ) methods. **(08 Marks)**

Module-2

3 a. Explain file handling functions in PHP with example. **(08 Marks)**
   b. Compare cookies and sessions in PHP. How to create a cookie and sessions? Give an example. **(08 Marks)**

OR

4 a. Explain with example scalar types in PHP. **(08 Marks)**
   b. Write a program to read student data from an XML file and store into the MySQL database and retrieve. **(08 Marks)**

Module-3

5 a. Explain built-in methods for arrays and list in Ruby. **(08 Marks)**
   b. Discuss any four string handling functions in PHP with suitable examples. **(08 Marks)**

OR

6 a. Explain directory structure of rails application with a neat diagram. **(06 Marks)**
   b. Explain the form handling in rails. **(06 Marks)**
   c. Write a note on RAILS. **(04 Marks)**

Module-4

7 a. Explain SaaS and social networking with respect to Web 2.0. **(08 Marks)**
   b. What is JSON? Explain JSON format. **(08 Marks)**

OR

8 a. Describe SOAP. Explain different styles of SOAP with an example. **(08 Marks)**
   b. Explain REST with sample REST call. Explain WSDL. **(08 Marks)**

Module-5

9 a. Explain d3.js selects method. Write a note on D3.js. **(08 Marks)**
   b. Explain the features of D3.js. **(08 Marks)**

OR

10 a. Explain the stack layout in D3. **(08 Marks)**
   b. Illustrate Graphing Mean Daily Plaza traffic. **(08 Marks)**

* * * * *