

**MCA-304**  
June - Examination 2019  
**MCA III Year Examination**  
**Advance Web Technology**  
**Paper - MCA-304**

**Time : 3 Hours ]**

**[ Max. Marks :- 80**

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**Note:** The question paper is divided into three sections A, B and C. Write answers as per given instructions.

**Section - A**

**8 × 2 = 16**

(Very Short Answer Questions)

**Note:** Answer **all** questions. As per the nature of the question delimit your answer in one word, one sentence or maximum upto 30 words. Each question carries 2 marks.

- 1) (i) How you can put comment in HTML?
- (ii) Give two difference between Alert Box and Prompt Box.
- (iii) What is Root element and Child element in XML? Give an example.
- (iv) What is MVC?
- (v) What is the full form of XAMPP?
- (vi) Which tags is used to begin and end a PHP code block?
- (vii) What is MySQL?
- (viii) What is Virtualization?

**Section - B****4 × 8 = 32**

(Short Answer Questions)

**Note:** Answer **any four** questions. Each answer should not exceed 200 words. Each question carries 8 marks.

- 2) What do you mean by Scripting Language? Write script to add two numbers. Read these two numbers using input dialog box.
- 3) What is Event Handlers in Java Script? Explain On Load and On Unload Event Handles with suitable example.
- 4) How you can interface JavaScript and web pages through AJAX? Explain with block diagram.
- 5) Describe the difference between HTML and XML with suitable example.
- 6) Explain any one Web Content Management System.
- 7) Explain the following with an example
  - (a) Class in PHP
  - (b) Constructor function
- 8) Explain new form elements in HTML5 form tag with their syntax and suitable example.
- 9) Write short note on the features of jQuery.

**Section - C****2 × 16 = 32**

(Long Answer Questions)

**Note:** Answer **any two** questions. You have to delimit your each answer maximum upto 500 words. Each question carries 16 marks.

- 10) Explain the fundamentals of Server Side Scripting Language. Describe various control structures in PHP with suitable example.
- 11) What is Cloud Computing? Explain various cloud deployment model with neat diagram.
- 12) How HTML5 support real time service to your web application? Explain with suitable examples.
- 13) Write short note on the following:
  - a. HTML form.
  - b. HTML Table.

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