

MCA-304

December - Examination 2018

MCA III Year Examination**Advance Web Technology****Paper - MCA-304****Time : 3 Hours]****[Max. Marks :- 80**

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) What is use of meta tag in HTML?
- (ii) Write the HTML code to make the background color of the web page to blue.
- (iii) What is the use of this keyword in JavaScript?
- (iv) List any four advantages of XML.
- (v) What is the full form of AJAX?
- (vi) What is the file extension of a PHP file?
- (vii) Which MySQL command is used to insert values in tables?
- (viii) List the basic characteristics of Cloud.

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) Explain the HTML DOM tree of objects.
- 3) How events are handle in JavaScript with Event Handlers? Explain with suitable example.
- 4) Distinguish between AJAX and JavaScript with suitable example.
- 5) Explain HTML5 Client Side Storage with an example.
- 6) What is Virtualization in Cloud Computing? Explain various types of Virtualization in Cloud Computing.
- 7) How code is reused with the help of functions in PHP? Explain.
- 8) Explain jQuery Event Methods and their syntax with suitable example.
- 9) Explain the architecture of Search Engine with the Indexing Process.

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) Why JavaScript is known as Client side Scripting Language? Explain various Messaging Events/Boxes in JavaScript with suitable examples.
- 11) What is server side scripting language? How various SQL queries is executed using PHP? Explain with suitable example.
- 12) Explain the Basic Web Architecture of MVC Design Pattern with neat diagram.
- 13) Write short note on the following:
 - (i) Object Oriented PHP.
 - (ii) Joomla
