

Section–C **2×16=32**

(Long Answer Type Questions)

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

10. Explain the various conditional branching and loops statements available in JavaScript with suitable examples.
11. Describe CRUD (Create, Read, Update and Delete) operation with respect to MySQL and PHP with suitable examples.
12. What do you mean by Web crawling ? How can we achieve high ranking in Search Engine Optimisation ? Explain in detail.
13. Write short notes on the following :
 - (a) Wordpress
 - (b) HTML vs. XML

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December – Examination 2022

MCA (IIIrd Year) Examination

Advance Web Technology

Paper : MCA-304

Time : 3 Hours]

[Maximum Marks : 80

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

Section–A

8×2=16

(Very Short Answer Type Questions)

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

1. (i) What is the purpose of DNS ?

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(1)

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- (ii) How can you put comment in HTML ? Give an example.
- (iii) What are the benefits of virtualisation ?
- (iv) What is Apache ?
- (v) Write the syntax of switch.....case statement.
Also give the example.
- (vi) How check box and radio button is differ in HTML ? Give the examples.
- (vii) What is the use of JSON ? Give an example.
- (viii) What do you mean by Open Source ?

Section-B **4×8=32**

(Short Answer Type Questions)

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

- 2. What is Client Side Scripting Language ? Write a program in JavaScript to validate the text box is empty or not.
- 3. Describe some Mouse event handlers in JavaScript with suitable examples.
- 4. Discuss about session. Explain about usage of session with its creation and destruction.
- 5. What is the HTML5 GeoLocation API ? Explain with examples.
- 6. What is Virtualization ? Explain different types of virtualization in cloud computing.
- 7. Discuss some fundamentals of using CSS in a web page with class selector and ID selector. Also give suitable examples.
- 8. Write a user defined function to sort an array elements in PHP. Also explain with suitable example.
- 9. Explain AJAX with its purpose, advantages and disadvantages.