

MCA. III Semester (Main & Back) Examination, Dec. - 2018  
MCA - 302A Web Technologies

Time : 3 Hours

Maximum Marks : 80  
Min. Passing Marks : 32

**Instructions to Candidates:**

Attempt All questions.

Marks of question are indicated against each question.

1. Answer the following questions.

(10×1=10)

- a) What is Web Server?
- b) Define Hypertext and Hypermedia.
- c) What is the use of TARGET attribute in <FRAME> tag?
- d) Write a code to add script to the HTML.
- e) What are four basic data types in Javascript?
- f) What is Web Search Engine?
- g) What is HTTP Protocol?
- h) Define GET and POST method.
- i) Write any two margin related attributes in CSS.
- j) Write syntax for for - each loop in PHP.

2. Explain in about 50 words :

(5×3=15)

- a) Discuss the types of lists provided in HTML.
- b) Differentiate between cell padding and cell spacing.
- c) Differentiate between Absolute and Relative URLs.
- d) How can a string be converted in number using Javascript.
- e) Write a code to display the first 10 prime numbers using Javascript.

3. Answer each in about 150 words. (5×4=20)

- a) What is world wide web? Discuss security and privacy issues.
- b) What do you understand by 'cookies'? Describe the functioning of cookies.
- c) Discuss various parameters for image optimization in web page.
- d) Write a program to create Index Based and Associative arrays in PHP.
- e) What is firewall? Describe the use of firewall.

4. Write code for the following: http://www.rtuonline.com (2×5=10)

- a) i) Display date and time using PHP script in web page.  
ii) Change background color of web page using Javascript.
  - b) What is style sheet? Explain types of style sheet using suitable example. (10)
5. a) What is PHP session? Write a script to start, store and destroy a PHP session. (10)
- b) What is PHP filter? Discuss types of filters. (5)

OR

5. Explain the following : (5×3=15)

- a) Image map.
- ~~b) Active X.~~
- c) Plug - Ins
- d) Image slicing.
- e) Dynamic HTML.

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