

Total No. of Questions : 8]

[Total No. of Printed Pages : 2

Roll No .....

## **MCADD-704(3)**

### **M.C.A. (Integrated), VII Semester**

Examination, November 2023

### **Web Technologies**

(Elective - I)

*Time : Three Hours*

*Maximum Marks : 70*

- Note :** i) Attempt any five questions.  
ii) All questions carry equal marks.

1. a) What is Domain Name System (DNS)? How DNS works?  
b) What is Wireless Application Protocol (WAP)? What is its role in web technology?
2. a) What is information architecture? Discuss its role in organizing information.  
b) Discuss the phases of web development in detail.
3. a) What is HTML? Discuss HTML attributes and HTML elements with suitable examples.  
b) How formatting is performed in HTML? Discuss Physical and Logical formatting tag with suitable examples.
4. a) What is XML? Discuss XML schema by defining elements, attributes and data types.  
b) Write code to display XML using Cascading Style Sheet and Extensible Style sheet Language Transformation methods.

5. a) What is E-Commerce? Discuss infrastructure needed for E Commerce.  
b) What is an electronic payment system? Discuss electronic cash in detail.
  
6. a) What is role of web servers? How does IIS handle web requests?  
b) Explain the role of Java Script to develop a web page. Write a java script function to check a textbox is either empty or not.
  
7. a) Explain the difference between JSP includes directive elements and JSP includes action elements.  
b) Can we do session handling in HTML Page with the help of JavaScript? If yes then how or If not then why?
  
8. Explain any two of the following:
  - a) PHP
  - b) ASP
  - c) AJAX
  - d) Firewall

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