

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

MCA (2012 & Onwards) (Sem.-5)

WEB TECHNOLOGIES

Subject Code : MCA-503

Paper ID : [A3161]

Time : 3 Hrs.

Max. Marks : 100

INSTRUCTION TO CANDIDATES :

- 1. SECTIONS-A, B, C & D contains TWO questions each carrying TWENTY marks each and students has to attempt any ONE question from each SECTION.**
- 2. SECTION-E is COMPULSORY consisting of TEN questions carrying TWENTY marks in all.**
- 3. Use of non-programmable scientific calculator is allowed.**

SECTION-A

1. Write an XML document to illustrate elements, attributes and data section.
2. What are the data types in XML schema? Briefly discuss each with an example.

SECTION-B

3. What is Ajax control kit? What are the various ajax controls? Discuss the properties and methods of any one control.
4.
 - a) What is jQuery? Explain how to use jQuery in ASP pages. Explain DOM manipulation methods in jQuery.
 - b) Create a page to illustrate animate method of jQuery.

SECTION-C

5. What is Web Services? What are the things available in Web Services? Explain the advantages of Web Services technology.
6. What is SOAP? Explain the role played by SOAP in web services.

SECTION-D

7. Discuss the types and benefits of Content Management Systems.
8. Explain the various steps in creating a website using Word Press.

SECTION-E

9. Write briefly :

- a. What are web services?
- b. Explain the use of DTD for structuring the XML document.
- c. What are the element naming rules used in XML?
- d. What are the different XSLT elements?
- e. What are complex types?
- f. Describe SOAP fault.
- g. What is SOAP with attachments?
- h. Discuss the JSON syntax rules with an example.
- i. What is Word Press Dashboard?
- j. What is the difference between Word Press posts and pages?