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Total No. of Pages: 02

Total No. of Questions: 09

MCA (2015 Batch) (Sem. – 5)

WEB TECHNOLOGIES

M Code: 74383

Subject Code: MCA-503

Paper ID: [74383]

Time: 3 Hrs.

Max. Marks: 60

INSTRUCTIONS TO CANDIDATES:

1. **SECTIONS-A, B, C & D** contains **TWO** questions each carrying **TEN** marks 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. What is XML? Discuss XML Document Object Model.
2. Explain the following:
 - a) XML Schema and XML Namespace
 - b) XML Editors

SECTION B

3. What is AJAX? Discuss importance of AJAX in web applications.
4. How JQuery can be used to retrieve and manipulate the content of a page?

SECTION C

5.
 - a) What is Server side scripting language? Discuss the procedure of installing PHP.
 - b) Explain Strings and Arrays in PHP.
6. Explain PHP Session management with cookies.

SECTION D

7. Explain objectives of a Content Management System (CMS)? What are various components of a content Management System (CMS)?
8. What is web service? Why is it required? Explain different types of web services.

SECTION E

9. Answer briefly:
 - a) What is the significance of MySQL?
 - b) Define jQuery.
 - c) Discuss XML DTD.
 - d) Use of XSLT with XML
 - e) Differences between GET and POST methods.
 - f) What do you mean by Regular Expressions?
 - g) Adding PHP to HTML
 - h) Explain briefly usage of CMS.
 - i) Function in PHP
 - j) What is XMLHttpRequest?