Roll No. | | | | | | | | | | | | |

Total No. of Questions: 09 **Total No. of Pages: 02**

MCA (Sem. 5)
WEB TECHNOLOGIES
Subject Code: MCA-503
Paper ID: 74383

Time: 3 Hrs. **Max. Marks: 60**

INSTRUCTIONS TO CANDIDATES:

1. **Sections A, B, C and D contains TWO questions each carrying TEN marks each.**
2. **Attempt any ONE question from each Section A, B, C and D.**
3. **Section E is COMPULSORY carrying TWENTY marks in all.**

SECTION A

1. Write a short note on:
XML Namespace, XML Element

2. What is XSD? Explain in Detail

SECTION B

3. What is AJAX? What are the different AJAX technologies? List down the web applications which make use of AJAX?

4. What is jQuery? How to use jQuery? How the content can be manipulated with jQuery?

SECTION C

5. (a) What are the three vital components needed to be installed on your computer system in order to run PHP web pages?

(b) What are the various data types used in PHP?

6. Explain any 5 PHP-MySql functions in detail.

SECTION D

7. What is Web Service? What are different types of web services?

8. What is Content Management System? List down the features and their advantages.

SECTION E

9. Answer briefly:

a) How can name conflicts be avoided in XML?

b) How are white-spaces handled by xml?

c) What is XSL?

d) What are the advantages of AJAX?

e) What is use of count () function in php?

f) What are all the controls of Ajax')

g) Why jQuery is needed?

h) Whether jQuery HTML work for both HTML and XML documents?

i) What is the use of "echo" in php?

j) What is interoperability of Web services?