

Code: 9F00401

MCA IV Semester Supplementary Examinations November/December 2017

WEB TECHNOLOGIES

(For students admitted in 2012, 2013, 2014 & 2015 only)

Time: 3 hours

Max. Marks: 60

Answer any FIVE questions
All questions carry equal marks

- 1 (a) What do you mean by frame? Explain <frame> tag with example.
(b) Explain concept of cascading style sheet with example.
- 2 (a) Discuss about the data types in Java script.
(b) Write a script that inputs five numbers and determine and outputs HTML text that displays the numbers of negative numbers, positive numbers and the number of zeros in the given input.
- 3 (a) Discuss the areas of web development in which XML has potential.
(b) Explain any four keywords in DTD
(c) List the advantages of XML schema over DTD.
- 4 (a) "Java bean is a reusable platform-neutral software component". Justify the statement.
(b) With relevant examples explain the different types of bean properties.
- 5 (a) Using cookie, write a program that prints the number of times a particular client visited the server.
(b) What are doGet() and doPost() methods? Develop and explain a servlet that handles an HTTP POST request.
- 6 (a) Discuss the two phases of JSP processing with suitable diagram.
(b) Explain the problems with servlet and how it is solved by JSP.
- 7 (a) What do you mean by implicit objects? List and explain implicit JSP objects.
(b) Explain <jsp:forward> action supported by JSP with an example program.
- 8 (a) What is a connection pool? How it provides a better performance?
(b) Explain how to deploy java beans in JSP page with an example program.
