Code: IT5T4

III B.Tech - I Semester – Regular Examinations - December 2016

WEB TECHNOLOGIES
(INFORMATION TECHNOLOGY)

Duration: 3 hours   Max. Marks: 70

PART – A

Answer *all* the questions.   All questions carry equal marks
$$11x\ 2 = 22\ M$$

1.

a) Write the structure of HTML document.

b) Write about Math Objects in JavaScript.

c) What is a Java Bean and explain bean properties.

d) Write a short note on DTD.

e) Explain briefly about JDBC drivers.

f) What is Callable statement? Write the syntax.

g) Explain briefly about the SERVLET life cycle methods.

h) Write the disadvantages of SERVLETS.

i) Write a short note on AJAX model.

j) Explain about session object in JSP.

k) What is the difference between Class and ID in JavaScript.

PART – B

Answer any ***THREE*** questions.   All questions carry equal marks.   16 x 3 = 48 M

2. a) What is Java script? Write a short Java script to validate
    users credential in a login page.   10 M

   b) Compare and contrast static webpage and dynamic
      webpage with suitable examples.   6 M

3. Discuss in detail DOM processing of XML with an example
   document.   16 M

4. a) What is JDBC? Discuss how you access a data base by
      using JSP with a suitable program?   10 M

   b) Write short notes on Java x.sql.* package.   6 M

5. a) Compare and contrast Java servlets and JSP.   8 M

   b) Explain the Anatomy of a JSP page.   8 M

6. Discuss AJAX. Explain Integrating JSP and AJAX.   16 M