5th Semester Regular Examination – 2016-17
INTERNET TECHNOLOGY AND ENTERPRISE JAVA
BRANCH(S): MCA
Time: 3 Hours
Max marks: 70
Q.CODE: Y243
Answer Question No.1 which is compulsory and any five from the rest.
The figures in the right hand margin indicate marks.

Q1 a) What is WWW? Mention its Various components ?   (2 x 10)
   b) What is internet and how it works?
   c) What is the difference between class full and classless address?
   d) JavaScript is used in client side or server side ?justify your answer ?
   e) Why Frame tag is used in html? Explain with suitable example?
   f) What is the difference between JSP and servlet?
   g) What is session tracking and why it is used?
   h) What is servlet and how many types of servlet are there?
   i) What is EJB and mention its types?
   j) What are the security features of EJB?

Q2   Write a program to create one registration page having fields for name,   (10)
        Registration No., phone no, address, gender, hobbies and Branch and
        having two buttons for submit and reset?
        a) By clicking on submit it will send the obtained data from user to a
        database named student and table named user having field Name,
        RegdNO Phone No, Address, Gen, Hobby and Branch? If the
        registration is successful it will print congrates name (obtained from
        database) you are successfully registered and provide login id
        otherwise return not registered?
        b) By clicking on reset it will reinitialize the window?
        Use JSP and JDBC for webpage and use oracle for database?

Q3   How we can use session tracking in jsp and servlet? Explain with one   (10)
        example for each?

Q4 a) What is URL and it contains how many parts? Describe each part with   (5)
       example?
   b) What is the difference between HTML and XHTML?   (5)

Q5 a) Define CSS and its types? Describe the necessity of CSS with suitable   (5)
       example?

b) Define JavaScript? Describe how arrays are used in JavaScript? Write a program using JavaScript for EMAIL Validation? (5)

Q6 a) Describe the component architecture of EJB? (5)
b) What is the necessity of security in java EE? What are the security features available in java EE? (5)

Q7 a) Define JSP and its Life cycle methods? Describe the various scripting elements of JSP with syntax? (5)
b) Write the contribution of JAX-WS in web services? How JAX-WS is used for building web services? (5)

Q8 Write short notes on any two (5 x 2)
a) AJAX
b) JSTL
c) Mobile IP
d) URN