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**Question Paper Code : 80319**

B.E./B.Tech. DEGREE EXAMINATION, NOVEMBER/DECEMBER 2016.

Seventh Semester

Electronics and Communication Engineering

EC 6008 — WEB TECHNOLOGY

(Regulations 2013)

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. What is the use of access modifier? List the access modifiers supported by Java.
2. List the advantages of using Thread.
3. What is UDP?
4. What is the difference between SMTP and POP?
5. How to present XML document?
6. What is PHP?
7. What is session tracking? List the methods to store the session.
8. What is JDBC?
9. What do you mean by MVC?
10. What is JSF?

PART B — (5 × 16 = 80 marks)

11. (a) (i) Explain the life cycle of an applet with sample program. (8)  
(ii) Write a java program to copy the content of one file to another file. (8)

Or

- (b) (i) How do you create frame using swing? Create two text filed and one button, when the User clicks the button the text in the first text field should be copied into the second text field. (12)
- (ii) Write short notes on reflection in java. (4)
12. (a) Develop a TCP socket program in which the server has to close the connection Automatically if it receives the same message three times from the client. (16)

Or

- (b) What is RMI? Describe the concept of RMI in Java with an example program. (16)
13. (a) What is the significance of creating structured XML document? Discuss it using XML schema. (16)

Or

- (b) Develop a program to demonstrate the AJAX with database. In the client side create a HTML file to get the name of a product, create a server program to send the price of the product. The PRODUCT database has 3 fields as P\_id, P\_Name, and Price. (16)
14. (a) (i) Explain with a sample program how to handle HTTP request and response. (10)
- (ii) Discuss any three JSP implicit objects. (6)

Or

- (b) Explain with example how to create stateless bean using EJB architecture. (16)
15. (a) Write a MVC based web application to create a user registration form using Struct frame work. The form contains the name, password e-mail id, and gender. (16)

Or

- (b) How to create persistent object in Hibernate framework? Discuss with example. (16)
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