15618

MCA 4th Semester Examination

Web Technology-II (NS)

MCA-402

Time : 3 Hours   Max. Marks : 60

The candidates shall limit their answers precisely within the answer-book (40 pages) issued to them and no supplementary/continuation sheet will be issued.

Note : Attempt any one question each from Section A, B, C & D. Section E is compulsory.

SECTION - A

1. What do you understand by web and application server? Write the steps to configure any one of the following web server: Apache/Tomcat/Glassfish/IIS.   (12)

2. Discuss the history and application of Perl programming language. With example illustrate how pattern matching is implemented in Perl?   (12)

SECTION - B

3. Discuss the various control and looping statements used in PHP with suitable example.   (12)

4. Write the PHP code to create the following table in MySQL database and perform insertion and selection operations.

    Student (Rollno, Student_Name, Father_Name, Class, Address, Semester, College)   (12)

SECTION - C

5. Discuss the Servlet lifecycle and functionality of various Servlet methods used during its lifecycle in detail.   (12)

6.. What is session tracking? Why is it required? How is it performed using Servlets? Discuss with proper code.   (12)

SECTION - D

7. Give an overview of JSP. How is it different from Servlets? Discuss the various implicit objects available in JSP with example.   (12)

8. Create a login form having Username and Password field. Write a JSP code to authenticate that whether the user is registered user or not. Use MySQL database for storing records of registered user.   (12)

SECTION - E

9. (a) Discuss briefly the utility of cgi.pm.

    (b) How are arrays declared and initialized in PHP?

    (c) What information is generally contained in Response headers in Servlet?

    (d) How do you create a function in PHP? Give code.

    (e) What is use of scriptlet tag in JSP?

    (f) What is the utility of action tag in JSP?   (2×6=12)

[P.T.O.]