BACHELOR OF COMPUTER APPLICATIONS (BCA) (REVISED)

Term-End Examination

December, 2024

BCS-053 : WEB PROGRAMMING

Time : 2 Hours   *Maximum Marks : 50*

Weightage : 75%

Note : *Question No.* ***1*** *is compulsory and carries 20 marks. Attempt any* ***three*** *questions from question no.* ***2*** *to question no.* ***5****.*

1. (a) What is WAP ? Write WML program that displays your name, enrollment no. and course name in centre of the page.   4

(b) Design an HTML form which should allow
     to enter data. (**Hint :** Make use of
     password field, text field, check boxes,
     radio and submit button.)   4

(c) Write a JSP scriplet that display the
     current date and time.   3

(d) Explain the uses of XML CSS and XML
     XSLT.   3

(e) Write a JavaScript program to find the
     largest among three numbers.   4

(f) What is the need of JSP implicit object ? 2

2. (a) What is CSS ? How do you include
         comments in CSS ? Write CSS code for
         including a background image without
         repeating in a page.   5

(b) What is session management in JSP ? What are the different session tracking methods ? Explain any *one* of them.   5

3. (a) Differentiate between the following :   4

   (i)   Server side and Client side scripting

   (ii) Include directive and JSP include

   (b) Explain the use of deployment descriptor in JSP. Write code fragment for "File Not Found Error 404" using deployment descriptor.   4

   (c) Explain the Rich Internet Applications.   2

4. (a) Explain the steps involved in connecting to database using JDBC.   5

   (b) Explain the image and navigational elements of WML with the help of an example.   5

5. Explain any *four* of the following with the help of an example : $4 \times 2\frac{1}{2} = 10$

(a) CreateStatement( ) method

(b) <jsp:UseBean>

(c) Role of web container

(d) MIME

(e) <MENU> tag

× × × × × × ×