

**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

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