

Reg. No.

Question Paper Code

11873

B.E. / B.Tech. - DEGREE EXAMINATIONS, APRIL / MAY 2023

Sixth Semester

Computer Science and Business Systems

20CBEL603 - MODERN WEB APPLICATIONS WITH LABORATORY

(Regulations 2020)

Duration: 3 Hours

Max. Marks: 100

PART - A (10 × 2 = 20 Marks)

Answer ALL Questions

- | | <i>Marks,</i>
<i>K-Level, CO</i> |
|--|-------------------------------------|
| 1. Define WWW. | 2,K1,CO1 |
| 2. What is Uniform Resource Locator? | 2,K1,CO1 |
| 3. How do HTML tags work? Give examples. | 2,K2,CO2 |
| 4. List the types of CSS. | 2,K1,CO2 |
| 5. What are Java scripts? | 2,K1,CO3 |
| 6. State the features of XML. | 2,K1,CO3 |
| 7. Write a PHP code to swap any two numbers. | 2,K1,CO4 |
| 8. List out the various String Functions in PHP. | 2,K1,CO4 |
| 9. Name the PHP function for connecting and closing the MySQL DB server. | 2,K1,CO5 |
| 10. Define PHP Session. | 2,K1,CO5 |

PART - B (5 × 13 = 65 Marks)

Answer ALL Questions

11. a) Describe the history of the internet with its evolution. Explain the protocols used in the internet. 13,K2,CO1
- OR**
- b) Explain the categories of web application, their characteristics and the web standards. 13,K2,CO1
12. a) Outline the basic tags in HTML. Construct a web page to display a class Timetable. 13,K3,CO2
- OR**
- b) What is CSS? Explain the types, features of CSS with examples of selector classes. 13,K2,CO2

13. a) Write the JavaScript for the following:
- (i) Find the biggest among three numbers 4,K2,CO3
 - (ii) Find odd or even 4,K2,CO3
 - (iii) Sort array elements 5,K2,CO3

OR

- b) List and explain the XML syntax rules in detail. Explain how a XML document can be displayed on a browser. 13,K3,CO3

14. a) Explain the types of operators in PHP with suitable examples. 13,K2,CO4

OR

- b) Explain the following
- (i) Numbers in PHP 7,K2,CO4
 - (ii) Strings in PHP 6,K2,CO4

15. a) (i) Illustrate the steps involved in creating database in PHP with suitable example. 7,K3,CO5
(ii) Illustrate the steps involved in deleting the data values from the table with suitable example. 6,K3,CO5

OR

- b) Discuss in detail about PHP database connectivity. 13,K2,CO5

PART - C (1 × 15 = 15 Marks)

16. a) Explain and Create a HTML page with frames, links, tables and other tags for highlighting the facilities in the Department in your College. State the assumptions you make (business logic you are taking into consideration). 15,K2,CO2

OR

- b) Explain in detail the elements of XSL with examples each. 15, K3,CO3
- i) <xsl: template>
 - ii) <xsl:value-of>
 - iii) <xsl:for-each>