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Question Paper Code	12352
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B.E. / B.Tech. - DEGREE EXAMINATIONS, NOV / DEC 2023

Fifth Semester

Computer Science and Engineering

20CSPC501 - INTERNET PROGRAMMING

(Regulations 2020)

Duration: 3 Hours

Max. Marks: 100

PART - A (10 × 2 = 20 Marks)

Answer ALL Questions

- | | <i>Marks,
K-Level, CO</i> |
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| 1. Define Client Server Communication. | <i>2,K1,CO1</i> |
| 2. What do you mean by CSS Padding? | <i>2,K2,CO1</i> |
| 3. List out the features of JavaScript. | <i>2,K1,CO2</i> |
| 4. Explain array creation in JavaScript with an example. | <i>2,K2,CO2</i> |
| 5. List out Servlet Life Cycle methods. | <i>2,K1,CO3</i> |
| 6. State the advantages of Servlet over CGI. | <i>2,K1,CO3</i> |
| 7. List the data types used in PHP. | <i>2,K1,CO4</i> |
| 8. Summarize the built in functions of PHP. | <i>2,K2,CO4</i> |
| 9. Define XML parse tree. | <i>2,K1,CO5</i> |
| 10. Compare DTD and schema. | <i>2,K2,CO5</i> |

PART - B (5 × 13 = 65 Marks)

Answer ALL Questions

11. a) Explain the following terms with suitable examples: Backgrounds, Border, Images, Colors, Shadows. *13,K2,CO1*
- OR**
- b) Illustrate the three ways of inserting a CSS to a document with example. *13,K2,CO1*
12. a) (i) Write JavaScript to find sum of first 'n' even numbers and display the result. Get the value of 'n' from the user. *7,K3,CO2*
- (ii) Write JavaScript to find the factorial of a given number. *6,K3,CO2*
- OR**
- b) Explain the JavaScript array handling and array methods with an example. *13,K3,CO2*

13. a) Explain in detail about session handling in server side programming. *13,K2,CO3*
- OR**
- b) Discuss cookies and methods with suitable example. *13,K2,CO3*
14. a) Describe in detail about looping and decision making statements in PHP. *13,K2,CO4*
- OR**
- b) Explain in detail about regular expressions of PHP. *13,K2,CO4*
15. a) Describe in detail about XSL and XSLT transformation. *13,K2,CO5*
- OR**
- b) (i) Discuss about the data types of XML. *6,K2,CO5*
(ii) Explain in detail about the attributes of XML. *7,K2,CO5*

PART - C (1 × 15 = 15 Marks)

16. a) Write and discuss a HTML program to change its content using Ajax applications. *15,K2,CO6*
- OR**
- b) (i) Explain in detail about the Call back methods in Ajax. *8,K2,CO6*
(ii) Discuss the various Methods and Properties of XML Http Request Object. *7,K2,CO6*