

Reg. No.

Question Paper Code

13614

B.E. / B.Tech. - DEGREE EXAMINATIONS, APRIL / MAY 2025

Fifth Semester

Computer Science and Engineering

20CSPC501 - INTERNET PROGRAMMING

Regulations - 2020

Duration: 3 Hours

Max. Marks: 100

PART - A (MCQ) (10 × 1 = 10 Marks)

Answer ALL Questions

- | | Marks | K-Level | CO |
|---|-------|---------|-----|
| 1. HTML stands for _____
(a) Hyper Term Markup Language (b) High Text Markup Language
(c) Hyper Text Markup Language (d) Hyper Term Mark Language | 1 | K1 | CO1 |
| 2. Which tag is used to insert image in HTML?
(a) <a> (b) <image> (c) <picture> (d) | 1 | K1 | CO1 |
| 3. Where is the correct place to insert a JavaScript?
(a) <head> Only (b) <body> only
(c) Both <head> and <body> (d) Neither <head> nor <body> | 1 | K1 | CO2 |
| 4. How to create function in Javascript?
(a) function functionname() (b) datatypefunctionname()
(c) function functionname() (d) fun functionname() | 1 | K1 | CO2 |
| 5. Which of the following is a server side technology?
(a) JSP (b) CSS (c) HTML (d) Javascript | 1 | K1 | CO3 |
| 6. Which of the following code is used to get names of the parameters in servlet?
(a) response.getParameterNames() (b) request.getParameterNames()
(c) request.getParameter() (d) response.getParameter() | 1 | K1 | CO3 |
| 7. PHP stands for _____
(a) Processor Hypertext Processor (b) Pretext Hypertext Preprocessor
(c) Hypertext Preprocessor (d) Program Hypertext Processor | 1 | K1 | CO4 |
| 8. PHP server scripts are surrounded by which delimiters ?
(a) <&php...&> (b) <#php...#> (c) <\$php...\$> (d) <?php...?> | 1 | K1 | CO4 |
| 9. XML stands for
(a) Extended Markup Language (b) Extensible Markup Language
(c) Evaluate Markup Language (d) Extending Markup Language | 1 | K1 | CO5 |
| 10. AJAX stands for _____
(a) Asynchronous Java and XML
(b) Asynchronous JavaScript and XML
(c) Asynchronous JSON and XML
(d) Asynchronous JavaScript and XMLHttpRequest | 1 | K1 | CO6 |

PART - B (12 × 2 = 24 Marks)

Answer ALL Questions

- | | | | |
|--|---|----|-----|
| 11. Which tag is used to add audio and video file in HTML? | 2 | K1 | CO1 |
| 12. Define CSS. List out the uses of CSS. | 2 | K1 | CO1 |
| 13. Outline the various Java script object models. | 2 | K2 | CO2 |
| 14. Compare Java script and JSON. | 2 | K2 | CO2 |
| 15. List out the uses of JSTL tags. | 2 | K1 | CO3 |
| 16. Compare Servlet and JSP. | 2 | K2 | CO3 |

17. What are the important characteristics of PHP?	2	K1	CO4
18. List out the conditions to declare the variables in PHP.	2	K1	CO4
19. Why XSLT is an important tool for the development of web applications?	2	K1	CO5
20. List any two advantages of XML document.	2	K1	CO5
21. Outline the advantages of AJAX.	2	K2	CO6
22. List the XMLHttpRequest object properties.	2	K1	CO6

PART - C (6 × 11 = 66 Marks)

Answer ALL Questions

23.	a)	Develop a website in HTML5 to provide the list of grocery items. HTML elements like forms, labels, text boxes, lists, table etc are used to create a website.	11	K3	CO1
OR					
	b)	Develop any one of the simple website to apply the various types of Cascading Style Sheet.	11	K3	CO1
24.	a)	Develop an application form in HTML using the form elements like input, label, etc. Add 5 different validations in the form using Java script.	11	K3	CO2
OR					
	b)	Construct a JSON program to apply the various function and HTTP request of JSON.	11	K3	CO2
25.	a)	Explain the advantages, disadvantages and the life cycle of Servlet with neat sketch and give an example.	11	K2	CO3
OR					
	b)	Illustrate a JSP program to accept a student name, rollno and 5 subject marks. Evaluate the grade and display the grade of a student.	11	K2	CO3
26.	a)	Construct the programs using different control structures of PHP.	11	K3	CO4
OR					
	b)	Solve a problem that tests whether an e-mail address is input correctly. Verify that the input begins with a series of characters, followed by @ character, another series of characters, a period '.' and a final series of characters. Test your program with both valid and invalid E-Mail addresses using PHP.	11	K3	CO4
27.	a)	Summarize XML schema, built in and user defined data type of XML schema in detail.	11	K2	CO5
OR					
	b)	Explain XML program to create a business letter and also explain the elements are used to create a business letter.	11	K2	CO5
28.	a)	Explain AJAX based web application architecture with neat sketch and give an example.	11	K2	CO6
OR					
	b)	Explain about the object that helps AJAX reload parts of a web page without reloading the whole page.	11	K2	CO6