

Reg. No.

Question Paper Code

11865

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

*Marks,  
K-Level, CO*

1. How will you create a password field in an HTML form? 2,K1,CO1
2. Mention the steps to include CSS in a website? 2,K1,CO1
3. Write a simple program in JavaScript to validate the email-id. 2,K2,CO2
4. What are the levels of DOM? 2,K1,CO2
5. Mention the differences between GET and POST methods. 2,K2,CO3
6. Define JSP. What are the advantages of using JSP? 2,K1,CO3
7. How to include PHP in a webpage? 2,K1,CO4
8. What is cookie? Give an example in PHP. 2,K1,CO4
9. Distinguish between DTD and XML Schema. 2,K2,CO5
10. State the purpose of XSLT. 2,K1,CO5

**PART - B (5 × 13 = 65 Marks)**

Answer ALL Questions

11. a) (i) Write Code to create an HTML page that displays the following given table. 7,K3,CO1

Students Information	Name	Address	
		City	House No
	A	HND	1
	B	LHR	2
	C	SWL	3
	D	BWP	4

- (ii) How will you play audio and video file in an HTML 5.0? 6,K1,CO1

**OR**

- b) What is CSS 3.0? Explain the types of CSS with examples of selector classes. 13,K2,CO1

12. a) For the following form, write the JavaScript code to swap the contents of the two text boxes. 13,K3,CO2

```
<form name="DaForm">
```

```
  Input Text1: <input type="text" name="A">
```

```
  Input Text2: <input type="text" name="B">
```

```
</form>
```

**OR**

- b) Demonstrate the use of JSON. How to convert JavaScript objects to JSON? List the benefits of JSON over XML. 13,K3,CO2

13. a) Explain session tracking techniques with examples. 13,K2,CO3

**OR**

- b) Explain in detail about JSP Standard Tag Library. 13,K2,CO3

14. a) Explain in detail about control statements and data types in PHP with examples. 13,K2,CO4

**OR**

- b) Write a program to create a webpage for an online exam application using PHP. (Assume your own MCQs). Read and evaluate the answers received from the HTML page to find the total mark and the result should be declared as "pass" or "fail". Then seat no, total mark and the result should be stored in the exam database and retrieved the details from the database and displayed in table format. 13,K3,CO4

15. a) Explain in detail about:  
(i) XSL and XSLT transformation. 10,K2,CO5  
(ii) Comparison of DOM & SAX. 3,K2,CO5

**OR**

- b) Write code to create a DTD for a catalog of four Strokes motorbikes, where each motorbike has the following child elements – make, model, year, color, engine, chassis number and accessories. The engine element has the child elements engine number, number of cylinders, and type of fuel. The accessories element has the attributes like disk brake, auto-start and radio. Each which is required and has the possible values 'yes' or 'no'. 13,K3,CO5

### PART - C (1 × 15 = 15 Marks)

16. a) Explain XML Http Request to retrieve data from an XML file and display the data in an HTML table. The data to be retrieved is a collection of stationary items stored in an XML file. 15,K2,CO6

**OR**

- b) Explain the AJAX Client Server architecture in detail with a diagram. 15,K2,CO6