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Question Paper Code : 30457

B.E./B.Tech. DEGREE EXAMINATIONS, NOVEMBER/DECEMBER 2024.

Sixth Semester

Computer Science and Engineering

CS 8651 – INTERNET PROGRAMMING

(Common to : Computer and Communication Engineering)

(Regulations 2017)

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. Define web 2.0?
2. What is Rule cascading?
3. What does Java script DOM stands for?
4. Define an Object.
5. What are cookies in Java and its types?
6. List the applications of servlets.
7. How type conversion is done in PHP?
8. Write the main difference between XML and HTML.
9. What technologies are being used in AJAX?
10. What is UDDI?

PART B — (5 × 13 = 65 marks)

11. (a) Discuss the various features available in HTML to format the text with example.

Or

- (b) Write a HTML code for showing petrol, stock, and gold price in the table with date.

12. (a) Is Javascript client or server side programming. Explain how exceptions and events are handled in Javascript.

Or

- (b) (i) Write a JavaScript program to Convert Rupees to dollars. (6)
(ii) Write a JavaScript Program to Display the Multiplication Table. (7)

13. (a) With neat diagram explain the servlet architectures and discuss the phases involved in servlet life cycle.

Or

- (b) Consider a database that has a table with three columns employee Id, employee name and salary. Write a JDBC program that can query and print all the entries in the table employee and list employee who got salary greater than Rs. 10,000.

14. (a) Develop PHP application for Library management system with appropriate built in functions and database.

Or

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

15. (a) Explain the technologies that are being used in AJAX.

Or

- (b) Explain about Web Service Description Language. Give suitable example.

PART C — (1 × 15 = 15 marks)

16. (a) Develop ontology for University domain. State and explain the steps to develop the same.

Or

- (b) Explain the steps involved in JDBC connectivity. Write a suitable code with example.