

G 1296

(Pages : 2)

Reg. No.....

Name.....

B.TECH. DEGREE EXAMINATION, MAY 2016

Seventh Semester

Branch : Computer Science and Engineering

CS 010 701—WEB TECHNOLOGIES

(New Scheme—2010 Admission onwards)

[Improvement/Supplementary]

Time : Three Hours

Maximum : 100 Marks

Part A

*Answer all questions.
Each question carries 3 marks.*

1. Define CSS. What are its features ?
2. List the features of XSL.
3. List various looping statements in Perl.
4. What are the basic data types in PHP ?
5. What are the components of AJAX ?



(5 × 3 = 15 marks)

Part B

*Answer all questions.
Each question carries 5 marks.*

6. Explain the linking of external style sheets.
7. Briefly explain various XML Schema types.
8. With an example explain functions in Perl.
9. Write a PHP script to find the sum of digits of a given number.
10. Explain the features of AJAX enabled Rails application.

(5 × 5 = 25 marks)

Part C

*Answer all questions.
Each full question carries 12 marks.*

11. (a) Explain XHTML Frames with an example. (6 marks)
- (b) Write an XHTML Form to validate username and password. (6 marks)

Or

Turn over

12. (a) Describe text alignment using CSS. (6 marks)
(b) Explain Span and Div tags in CSS. (6 marks)
13. Explain XSL Transformations with example. (12 marks)

Or

14. (a) Describe XML Name Spaces. (6 marks)
(b) What are the elements and attributes in a DTD ? Explain. (6 marks)
15. Explain Match, Substitute and Translation regular expressions with examples. (12 marks)

Or

16. Write Perl script that will read a file, removes its whitespaces, tabs and newline characters and write output to a new file. (12 marks)
17. (a) Define Cookies. How it is handled in PHP ? (6 marks)
(b) Explain various File handling functions in PHP. (6 marks)

Or

18. (a) Write a PHP script to create and print contents of a text file.
(b) Write a PHP script to generate first N Fibonacci numbers.
19. (a) Explain the implementation of AJAX with Rails. (6 marks)
(b) Explain basic AJAX operations with a neat diagram. (6 marks)

Or

20. Write an AJAX application using XMLHttpRequest object to exchange data with server. (12 marks)

[5 × 12 = 60 marks]

