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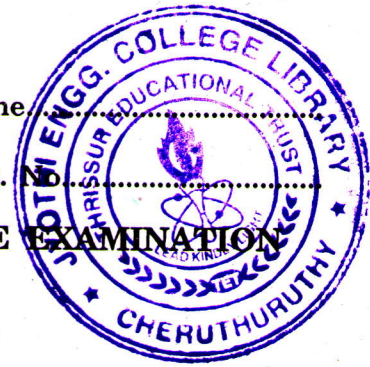
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Name

Reg.

**EIGHTH SEMESTER B.TECH. (ENGINEERING) DEGREE EXAMINATION
APRIL 2017**

**CS/PTCS 09 804 L 16—WEB PROGRAMMING
(2009 Admissions)**



Time : Three Hours

Maximum : 70 Marks

Part A

*Answer all the questions.
Each question carries 2 marks.*

Short answer questions (one/two sentences) :

1. Explain the XHTML tags used for lists in documents.
2. Describe three major differences between Java and Java script.
3. What are the four possible parts of an attribute declaration in a DTD ?
4. State the three types that can be used to describe data in an element declaration.
5. What are the standard values for visibility property ? How are they used in dynamic XHTML ?

(5 × 2 = 10 marks)

Part B

*Answer any four questions.
Each question carries 5 marks.*

Analytical/Problem solving questions :

6. What are the selector forms ? Explain with example, different types of selector forms, with syntax.
7. How many levels of style sheet are there ? Explain their usage, with syntax and example.
8. Write a JavaScript to compare two passwords.
9. Write a javascript which displays the message " Hello, How are you? " when the mouse button is pressed no mater where it's on the screen.
10. Discuss the different approaches of XHTML element access in JavaScript.
11. Write a simple Perl program with use of arrays to read the names, convert them to upper case letters and the array to be sorted and displayed.

(4 × 5 = 20 marks)

Turn over

Part C

Answer all questions.

Descriptive/Analytical/Problem solving questions :

12. (A) What are the two ways in which an event handler can be associated with an event generated by a specific XHTML element in the DOMQ event model ?

Or

- (B) Describe the approach to address XHTML elements using forms and elements.

13. (A) Write XHTML file and java scripts, scripts to sort a set of number in either ascending order or descending order. The sorting order is input from the user which is either "ascending" or "descending". The sorted numbers should be displayed with proper headings.

Or

- (B) Explain the following, with an example each :

- (i) Absolute positioning.
 - (ii) Dynamic content.
 - (iii) Element visibility.
 - (iv) Stacking elements.
14. (A) Write a PERL program to read a file on command line that contains persons name, in each line, converts them to uppercase and displays them in ascending order.

Or

- (B) What are the advantages of Java beans ? Explain how java beans can be created with an example.

15. (A) Briefly explain why should a file to be read or written by a CGI program be locked against multiple simultaneous operations.

Or

- (B) Explain in detail about AJAX Programming.

(4 × 10 = 40 marks)