

Roll No. ....  
Printed Pages : 2

**8702**

**BT-7/D12**

**WEB ENGINEERING**

**Paper-CSE-403**

*Time allowed : 3 hours*

*[Maximum marks : 75*

*Note : Attempt five questions in all selecting at least one question from each unit. All questions carry equal marks.*

**Unit-I**

- 1. (a) What is the role of information architect in designing the web site ? Write a detailed note.
- (b) What do you understand by "lost in hyper space problem"? Discuss.
- 2. What is a searching system ? What issues should be considered while designing a searching system ? Discuss in detail.

**Unit-II**

- 3. (a) What do you understand by a frameset ? Explain the procedure of creating the frames using suitable examples.
- (b) What do you understand by Cascading Style Sheet (CSS) ? What is the difference between internal and external CSS ? Discuss the advantages of external CSS over internal CSS.

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( 2 )

- 4. (a) What is an image map ? What is the use of it ? Explain.
- (b) What is meta tag in a HTML document ? What are the important attributes of it ? Explain.

**Unit-III**

- 5. Distinguish between static, dynamic, and active web documents ? What is CGI ? Describe the role of CGI in creating web documents using suitable examples.
- 6. (a) What is Perl DBI ? Write a Perl script that queries a database ? Make the necessary assumptions.
- (b) Write short note on architectural and coding guidelines.

**Unit-IV**

- 7. (a) What is JSP ? Write short notes on JSP request and response objects. Use suitable examples.
- (b) What is a cookie ? Write a JSP script to create a cookie.
- 8. What do you understand by a well-formed XML document ? What is the relationship between XML, SGML and HTML ? Write an XML document that marks up the information in the following table :

Name	Job	Department
Ram	Programmer	Marketing
Mohan	Analyst	Technical support
Sham	Manager	Finance

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