Roll No.

Total Pages : 03

BT-6/M-19   **36116**

WEB ENGINEERING
CSE-308N

Time : Three 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 are the advantages and limitations of collaboration and communication ? 7

   (b) What is Information Architecture ? What are its different components ? Explain each in detail. 8

2. (a) Write short notes on the following :

      (i) Design sketches

      (ii) Blue prints. 8

   (b) What are the aspects that distinguish different types of navigation ? Also discuss prime categories of navigation systems. 7

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Unit II

3. (a) Give an example in HTML to create three column layout. 8

   (b) Explain the following :

      (i) Plug-ins

      (ii) Style sheets. 7

4. (a) Illustrate with example different ways in which CSS can be used in HTML documents. 9

   (b) What are the advantages of documents level style sheet over inline style sheets ? What is the purpose of style class ? 6

Unit III

5. (a) Explain various object creation and modification methods in Java Scripts. 7

   (b) Explain the process of events handling through Java Scripts. http://www.kuonline.in 8

6. (a) Explain various pattern matching expressions in Java Script. Explain in NaN() function. 6

   (b) Write a Java Script program to validate a form which accepts Name, Age, Email, Phone number of a student. 9

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Unit IV

7. (a) Write a Python program to print Fibonacci series upto *n* terms. **6**

   (b) What is list in Python ? Demonstrate use of any *three* methods of list. **9**

8. (a) Write a Python program to read a string with punctuations and print the same string without punctuations. **8**

   (b) Outline with an examlpe various assignment operators supported in Python. **7**