Roll No ....

CS-802

B.E. VIII Semester

Examination, June 2016

Web Engineering

Time : Three Hours

Maximum Marks : 70

Note: i) Answer five questions. In each question part A, B, C is compulsory and D part has internal choice.

ii) All parts of each question are to be attempted at one place.

iii) All questions carry equal marks, out of which part A and B (Max. 50 words) carry 2 marks, part C (Max. 100 words) carry 3 marks, part D (Max. 400 words) carry 7 marks.

iv) Except numericals, Derivation, Design and Drawing etc.

Unit - I

1. a) Differentiate internet and WWW.
   b) How does DNS work in Internet?
   c) Discuss the evolution and need for Web Engineering.
   d) What are the basic technologies on which the design of the search engine is based? Describe any two in detail.

OR

What are Web Servers? Explain the features and characteristics used for comparison of web servers.

Unit - II

2. a) What is Website?
   b) Define the term Page Mockups.
   c) How do you organize websites? Explain its parameters.
   d) How RE methods are adopted for Web applications?

OR

How web security issue is addressed? Explain in short secure web document.

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Unit - III

3. a) Define AJAX.
   b) What is scripting language? Give one examples.
   c) What is Cookies? How we can create ASP cookies?
   d) What are event handlers? Explain Java Script Event handlers with an example.

OR

Explain how to use PERL for CGI programming also show a simple program in PERL.

Unit - IV

4. a) What is Semantic Web Services?
   b) What is Web Personalization?
   c) Differentiate between HTML Vs XML.
   d) What is DTD? Why do we use it with XML documents? Explain the different components of DTD with example.

OR

What is CSS? What are the different ways for creating style sheet? Explain.

Unit - V

5. a) What is SSL and SET?
   b) What is Cyber Crime?
   c) How 3D secure protocol work?
   d) Explain SET protocol used in credit card transactions. What is the main interesting aspect of SET protocol which gives confidence to customers transacting business using the internet?

OR

Explain the features required of B2B platform for e-commerce.

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