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**B. Tech. 4th Semester (CSE) F. Scheme Examination,
May-2014**

INTERNET FUNDAMENTLS

Paper-CSE-208-F

Time allowed : 3 hours] [Maximum marks : 100

Note : Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard will be entertained after the examination.

*Attempt five questions. Q. No. 1 is compulsory.
Select one question from each unit.*

1. (a) What is collaborative computing ? Explain.
- (b) What is coast-to-coast surfing ? Explain.
- (c) What do you mean by PWS ? Discuss briefly.
- (d) What is web document ? Explain.
- (e) What are the various methods of connecting to the internet ?

Section-A

2. (a) What is internet ? Write brief history of internet.
How internet work ? Explain.
- (b) What do you mean by Mailing list ? Explain
different type of Mailing list.

3. Explain :

- (i) Newsgroup
- (ii) DNS
- (iii) ISP
- (iv) MIME
- (v) MODEM

Section-B

4. How Directory search engine differ from meta search engine ? Explain the working of Meta search engine. Also state the characteristics of Meta-search engine.

5. (a) Explain :

- (i) Telnet
- (ii) Plug-ins
- (iii) FTP

(b) List and state all Meta tags and semantic tags.

Section-C

6. (a) What is difference between client side java script and server side java script ?

(b) What are web server ? What is their utility ? Discuss apache web server.

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7. (a) What do you mean by framing in HTML ? How can you divide a window into frames ?
- (b) What is XML ? Discuss the structure of XML page with the help of example.

Section-D

8. (a) What is firewall ? How a firewall system works ? Also state advantages and limitation of firewall.
- (b) What is digital signature ? How is a digital signature used for authentication ?
9. Explain :
- (i) Encryption scheme
- (ii) Software complexity.