

B.Tech. (CSE) 4th Semester F. Scheme**Examination, May-2015****INTERNET FUNDAMENTALS****Paper-CSE-208 F***Time allowed : 3 hours]**[Maximum marks : 100*

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.

Note : Attempt five questions. Q. 1 is compulsory. Select one question from each section.

1. (a) What are the various methods of connecting to the internet ?
- (b) Define web browser. Explain any two web browser.
- (c) What are lists in HTML ? Explain the different type of lists.
- (d) What is fire wall ? Why is it required ?
- (e) Define the term internet. Explain benefits of internet.

Section-A

2. (a) Define E-Mail. Explain its inner working with suitable example.

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- (b) What do you mean by Mailing list ? Explain different type of Mailing list.
3. (a) Define Collaborative computing ? Discuss the significance of collaborative computing.
- (b) Explain :
- (i) IP.V6
 - (ii) DNS
 - (iii) Modem

Section-B

4. What is Meta Search engine ? Explain the working of Meta search engine. Also state the characteristics of Meta search engine.
5. (a) Define FTP. Explain the working of FTP.
- (b) What is HTML ? What types of pages are created with the help of HTML ? How do you make the pages dynamic ?

Section-C

6. Explain :
- (i) Web server
 - (ii) XML

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7. What is difference between client side java script and server side java script ? How do they run on both side ? Explain with example.

Section-D

8. (a) What do you mean by data encryption ? Explain in detail any two encryption scheme.
- (b) What are digital signatures ? How is digital signature used for authentication ? Explain.
9. What is web document ? How a web document works ? Explain some of the common mechanism used to display the web document and the corresponding risks.