

B.Tech. (CSE) 4th Semester F-Scheme

Examination, May-2019

INTERNET FUNDAMENTALS

Paper-CSE-208-F

Time allowed : 3 hours]

[Maximum marks : 100

Note : Attempt five questions, selecting one question from each section and Question No. 1 is compulsory.

1. Describe the following : 20
- (a) What is web documents ? Explain.
 - (b) Define the term Internet ? Explain the benefits of internet.
 - (c) Explain Chat Rooms.
 - (d) How E-mail Management take place ?

Section-A

2. (a) Explain the following : 10
- (i) Message Components
 - (ii) Domain name system
- (b) What are IP addresses ? Justify their significance. Also discuss structure of IPV4 and IPV6 addressing. 10

3. (a) Explain collaborative computing. Discuss the significance of collaborative computing. 12
(b) What do you mean by mailing list ? Explain different types of mailing list. 8

Section-B

4. Explain the following : 20
(a) Telnet
(b) Plugin
(c) Front-page express
(d) Coast-to-coast surfing
5. What are meta search engine ? Explain the working of meta search engines. Also explain search strategies in detail. 20

Section-C

6. (a) What is Apache web server ? Explain various features of Web servers. 10
(b) What is the difference between Client side Java Script and Server side Java Script ? Explain with the help of example. 10
7. Write a short note on : 20
(a) XML
(b) Advanced HTML
(c) Accessing web server

Section-D

8. (a) What is digital signature ? How a digital signature is used for authentication ? 10
- (b) What is firewall ? How does a firewall system works ? Also state advantages and limitations of firewall. 10
9. Describe the following : 20
- (a) Secure Web document
- (b) Software complexity
- (c) Encryption schemes