

24163

**B.Tech. 4th Semester (CSE) F-Scheme Examination,
May-2018**

INTERNET FUNDAMENTALS

Paper-CSE-208-F

Time allowed : 3 hours] [Maximum marks : 100

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

1. Explain the following in short 5×4=20
- (a) E-mail management
 - (b) IPV6 Modems
 - (c) Coast-to-Coast surfing
 - (d) XML basics
 - (e) PWS

Section-A

2. Explain the following : 10×2=20
- (i) Domain Name System (DNS)
 - (ii) Internet congestion
3. Define Internet. How Internet works ? What are the various modes of connecting to Internet ? 20

Section-B

4. What are search engine ? How are they useful ? Explain in detail about the Directories search engines and Meta search engines. 20

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5. Write short notes on : 10×2=20
- (i) Telnet and FTP
 - (ii) HTML Formatting and hyperlink creation.

Section-C

6. (a) What is XML ? Explain the difference between HTML and XML. 10×2=20
- (b) What is Apache web server ? Explain the features of web server.
7. (a) What is CSS ? Explain in detail about the various types of CSS that are used in HTML web page.
- (b) What is Java Script ? Write a program using Java script to design a form and show the data validation on some Input Fields.

Section-D

8. What do you mean by data Encryption ? Explain in detail about the various types of Encryption Scheme that are used. 20
9. (a) What is firewalls ? How does a firewall system work ? Also state advantages and limitations of Firewalls.
- (b) What is Digital Signature ? How a digital signature used for authentication ?