

Roll No.

2115

B. E. 4th Semester (IT)
Examination – May, 2011

INTERNET FUNDAMENTALS

Paper : CSE-208 E

Time : Three 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 examination.

Note : Attempt any *five* questions.

1. (a) Define the term internet. Explain the physical components of internet. 10
(b) Explain Document Object Model. 10
2. Design a web page having a form with following input fields : 20
Name : text Box
Gender : Opinion Button
Age : Text Box
Address : Text Box
Qualification : Combo Box

Apply the validation checks on each field using JavaScript.

3. Differentiate between : 20
- (a) Telnet and FTP,
 - (b) Public Key and Private Key Cryptography,
 - (c) Too Few Hits and Too Many Hits.
4. (a) Explain : (i) Plug-ins (ii) PWS. 10
- (b) What is domain and IP address ? How does a domain name help in locating a computer ? 10
5. (a) Define the term Email. Explain its advantages and also explain the Email-inner workings. 10
- (b) Define Mailer, Mail Server, and Mail Box. Explain the method of obtaining E-mail. 10
6. (a) Design a home page using frames. The top frame will contain an image and running text. The left frame will contain all the links and the right frame will display a table with 3 rows and 4 columns. 15
- (b) Explain IPv6. 5
7. (a) What is Browser ? Explain the various components of browsing window. 5
- (b) Define the term Online Business. Explain various business models on the Internet. 15
8. Write short note on : 20
- (a) A patch web servers,
 - (b) Firewall,
 - (c) Cookies,
 - (d) Mailing list.