

Roll No.

23069

M. Tech.Computer Engg. (1st Semester)

Examination – December, 2008

INTERNET & WEB DEVELOPMENT

Paper : MTCE -607-A

Time : Three hours]

[Maximum Marks : 100

Before answering the question, 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) How many classes are there in classfull IP addressing ? Explain them. 10
(b) Explain all the layers in TCP/IP model. 10
2. (a) What is subnetting ? Explain with example. 10
(b) What is the difference between static and dynamic routing ? 10
3. (a) Explain all ICMP error reporting messages. 10
(b) Explain client & server model. 10

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4. (a) Explain the architecture of a search engine. 10
(b) Explain the difference between static and dynamic documents. 10
5. (a) Explain the structure of a HTML web page. 10
(b) Explain the purpose of PPP/SLIP protocols. 10
6. Explain BOOTP and DHCP protocols. 20
7. (a) Explain the differences between HTML, DHTML and XML. 10
(b) Explain the role of ASP.net. 10
8. Write short notes on : 20
(a) ARP & RARP, ✓
(b) Supernetting, ✓
(c) HTTP, ✓
(d) Crawler. ✓
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