

B.Sc. (IT)-Sem-VI Examination
March/April-2015
601-INTERNET AND ADVANCE NETWORKING

4811

Time: 02:30

Total Marks: 70

Q-1

- a) Differentiate intranet and extranet. 07
- b) Explain: IP addressing in detail. 07

OR

Q-1

- a) Write a short note on HTTP and FTP 07
- b) Explain: SMTP, POP 07

Q-2

- a) Define terms : HOSTID , Sub-netting, Network Addressing 07
- b) How address resolution is performed with table lookup? Explain with the help of a suitable example. 07

OR

Q-2

- a) Explain following terms: classless addressing, port addresses, socket addresses 07
- b) Explain: MAC address, NETID 07

Q-3

- a) Differentiate UDP and TCP 07
- b) Explain Socket System Calls, Socket Address. 07

OR

Q-3

- a) Define a socket? How read and write is performed using sockets? 07
- b) Explain: Connection-Oriented vs. Connectionless 07

Q-4

- a) What is Winsock? Explain in detail 07
- b) Explain: Use of Winsock methods 07

OR

Q-4

- a) Differentiate Berkeley sockets and Winsock 07
- b) Explain : Winsock Properties 07

Q-5

- a) What is an internet client program explain with example 07
- b) Explain the use of internet client program and server program 07

OR

Q-5

- a) Explain: Simple Client Server Socket Program with example 07
- b) Explain : Socket based chat program 07