

Roll No.

57044

BBA 5th Semester (N.S.)

Examination–December, 2013

Computer Networking & Internet

Paper-bba-504

Time : 3 hours

Max. Marks : 50

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 the examination.

Note : Attempt **Five** questions in all. Question **No. 1 (Section-A)** is **compulsory**. From **Section-B**, attempt **Four** questions (One question from each unit). All questions carry equal marks.

Section-A

1. Explain briefly the following terms:

- (a) Internet Server
- (b) Internet Service Provider
- (c) Internet Access Provider

- (d) Gateway
- (e) UDP

Section-B

Unit-I

- 2. Draw and explain TCP/IP protocol architecture and compare it with OSI model.
- 3. (a) Write the categories of networks.
(b) Explain various channels of data transmission in computer networks. Highlight the advantages and disadvantages of each.

Unit-II

- 4. Define Protocol. Draw a neat sketch and explain OSI layers.
- 5. What is Cryptography ? Are encryption & Decryption related to Cryptography ? Illustrate relevance & usage of Cryptography.

Unit-III

- 6. What is a search engine? How does a search engine work ?
- 7. What is a newsgroup ? How does newsgroup work ? Discuss various types of newsgroups. What is hierarchy of newsgroups ? How do you subscribe to a newsgroup ?

Unit-IV

- 8. Explain in detail about multiple layers of intranet security.**
 - 9. Describe the HTTP protocol and its features with an example.**
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