

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.