

Roll No. ....

**57044**

**B.B.A. 5th Sem. (N.S.)**

**Examination–November, 2014**

**Computer Networking & Internet**

**Paper-bba-504**

**Time : 3 hours**

**Max. Marks : 50**

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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.

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**Note :** Attempt all **five** parts of the question in section-A. Attempt **four** questions selecting **one** question from each unit in section-B. All questions carry equal marks.

**Section-A**

**1.** Explain the following:

(a) Computer network

- (b) TCP/IP model
- (c) Audio on internet
- (d) Internet service provider
- (e) Hypertext transfer protocol

### **Section-B**

#### **Unit-I**

2. (a) State the disadvantages of computer networking in an organization.  
(b) Diagrammatically, explain the bus and ring topologies along with their respective advantages and disadvantages.
3. How does digital transmission work ? How this transmission is superior to the analog data transmission ?

## Unit-II

4. What is ISO, OSI reference model ? Explain various layers of OSI reference model describing briefly the specific function of each layer.
5. (a) Briefly explain the role of public and private keys in cryptography.  
(b) What is flow control ? Explain its basic methods used in networking.

## Unit-III

6. Why a search engine is so popular on internet ? How does it perform searching of information on the web ?
7. (a) What is internet ? Mention the main steps for setting up windows environment in a computer for dialup networking ?

- (b) What are newsgroups ? How are these subscribed to ? How do they help in sharing knowledge and information ?

#### **Unit-IV**

8. Define intranet. Discuss the technical infrastructure requirements and major costs organizations have to bear in establishing their intranets. Also envisage the future of intranet use in organizations.
9. Write in brief about the following :
- (a) Building corporate world wide web
  - (b) Hypertext transfer protocol
  - (c) Intranet security design
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