



# Department of Computer Science

**CourseName- Network Administration    Course Code: 21BCACC601 /21BITCC601**

## **Question bank 1 to 5 unit**

### **Unit-1**

- 1) All full form and definitions
- 2) Define network
- 3) Client serve or peer to peer-network model
- 4) Network services
- 5) Casting-communication method
- 6) Network topology

### **Unit-2**

- 1) All full forms and definitions
- 2) What is transmission media
- 3) Guided & Unguided Media
- 4) OSI ref. Model
- 5) TCP/IP
- 6) Firewall

### **Unit-3**

- 1) All the full forms and definitions
- 2) What is routing
- 3) Types of routing
- 4) What is IP address
- 5) Types of IP address
- 6) Routing protocols -EGP - IGP
- 7) IPV4 & IPV6
- 8) SubNatting & Super Netting

### **Unit-4**

- 1) All the full forms and definitions
- 2) RC4 & RC5
- 3) What is cryptography & use of cryptography
- 4) Plaintext and Cipher text?
- 5) Cryptography basics
- 6) A symmetric encryption
- 7) Symmetric algorithm
- 8) Block and stream cipher in cryptography
- 9) Principles of public key cryptography
- 10) Public key cryptosystem is defined into three elements
- 11) Digital signature algorithm (DSA) in cryptography
- 12) PKI

### **Unit-5**

- 1) All the full forms and definitions
- 2) Installation steps server and directory
- 3) AD forest
- 4) Active directory domain services

- 5) User and computer accounts
- 6) Local groups
- 7) Active directory security& audit policy
- 8) Active directory event logging event
- 9) How to create a network drive
- 10) What is DNS? Install windows DNS server
- 11) Introduction of firewall in computer network
- 12) What is firewall and types of firewall

