



- 3** (i) What are the common network features of LINUX and WIN NT ? **7+7**  
(ii) How network securities are maintained ? Describe various types of securities.

**OR**

- 3** (i) What are the network features of peer-to-peer operating system ? **7+7**  
(ii) How to create users and groups in LINUX Operating system ?

- 4** (i) What do you mean by broadcast, multicast delivery ? **4+10**  
- Explain.  
(ii) Write note on SMTP, DNS and HTTP.

**OR**

- 4** (i) Explain UDP and TCP in detail. **7+7**  
(ii) Describe the architecture and services of e-mail.

- 5** (i) Describe GSM and CDMA technology of cellular phones. **7+7**  
(ii) Write note on Bluetooth protocol stack.

**OR**

- 5** (i) Explain how a cellular phone works. **7+7**  
(ii) What are the application of blue tooth ? - Explain.

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