Question Bank-CNS

**UNIT-I**

**(APPLICATION LAYER)**

Why FTP requires two TCP ports? Explain six commands of FTP.

Explain how DNS Works.

Explain stepwise the procedure carried out by DHCP client and DHCP server.

What is FTP? Where and when it is used? Why does it require 02 ports? Explain at least 05 user commands used in FTP.

In SMTP, if we send a one line message between two users, how many lines of commands and responses are exchanged? Give the example.

Define DNS. Explain how name resolution happens in DNS. Enlist all the resource records and its functions.

What is MIME? Discuss its role in SMTP. (SMTP – Simple Mail Transfer Protocol)

Describe the process of name resolution in DNS.

Explain in brief simple mail transfer protocol.

When POP3 and IMAP4 is used in electronic mail?

Explain how a resolver looks up a remote name with suitable example.

List the similarities and differences between POP3 and IMAP. Which protocol is better and why?

**UNIT-II**

**(WIRELESS STANDARDS)**

Explain BSS & ESS in 802.11.

Explain the basic architecture of WLAN and discuss various components in it.

Explain frame format for 802.16.

Explain Hidden Station Problem.

Explain DCF & PCF in 802.11.

Compare 802.11& 802.15.What are the limitations of Bluetooth?

Explain Bluetooth architecture with diagram.

What are hidden station & exposed station problems in WLAN?

Describe WLAN architecture in detail.

What are the functions of the security sublayer in 802.16?