Kolhan university , Chaibasa

Year: - 2011
I.T. (5a)

(Based on remember)
Answer any five Questions.

1) What do you mean by a network ? Describe the four basic network topologies and cite advantages and disadvantage of each type.

2) How do the layers of the Internet model correlate tob the layers of the OSI model? Explain.

3)(a) Differentiate between an analog and a digital electromagnetic signal.

(b) What do you mean by transmission impairment

4) Whyare the wires twisted in twisted-pair copper wire? Discuss some major limitation of twisted-pair wire.

5)(a) What are the three frame types supportedbyHDLC? describe each.

(b) What is the advantages of sliding-window flow control compared to stop-and-Wan flow control.

6) Compare and contrast the packet switched network with circuit switched network.

7) Write short notes on:

(a)Network Security (b) LAN Technology

8) What do you mean by HTML? Explain the purposes of different tags of HTML.