LNCTU
CS - 206
Mid-Semester Examination-II (JUNE 2024)
B.Tech. II Semester (CSE)
COMPUTER NETWORKS

Duration: 1hr 30min　　　　　　　　　　　　　　　　**Max. Marks: 20**

Note: *Attempt all questions.*

Q1. A) Explain the Protocols: CSMA/CD and CSMA/CA. Highlight the differences between them. 　　　　　　　　　　　**[CO-3 / 7 Marks]**

Or

B) What do you understand by limited contention protocols. Explain Adaptive tree walk protocol with an example. 　　　**[CO-3 / 7 Marks]**

Q2. A) Distinguish between routing and forwarding.
B) Explain Bellman Ford Algorithm with an example. 　**[CO-4 / 7 Marks]**

Or

C) What do you mean by routing? Explain Hierarchical, Broadcast and Multicast routing. 　　　　　　　　　　　　**[CO-4 / 7 Marks]**

Q3. A) Explain the UDP packet Format. 　　　　　　**[CO-5 / 6 Marks]**

Or

B) Explain in detail the following:
i) HTTP 　ii) FTP 　　　　　　　　　　　　**[CO-5 / 6 Marks]**