

Total No. of Questions:-3
Class Roll No

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Enrollment No

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]**