

**Department of Computer Science & Information Technology, IUB**

Fall 2019 (BSIT 4 M, 2018-22 Spring)

(CMP-01402) Computer Communication and Networks

Mid term exam. (26 Nov. 2019 / 9:00)

Time allowed: 60 mins

Max. marks: 30

**Attempt all questions.**

1. Describe four data encoding techniques with figures. [16]
2. What are the functions of network protocol architecture? What are its key features? [14]

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Fall 2019 (BSIT 4 M, 2018-22 Spring)

(CMP-01402) Computer Communication and Networks

Final term exam. (4 Feb. 2020 / 11:00)

Time allowed: 90 mins

Max. marks: 50

**Attempt all questions.**

1. What are main LAN topologies? [10]
2. Differentiate between Packet Switching and Circuit Switching. [10]
3. Using an example, describe how CRC works at the Data Link Layer. [14]
4. What are the major types of Ethernet? [8]
5. Briefly describe the services of 5G and 6G Networks. [8]