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Exam. No. _____

No. of printed pages: 1

SARDAR PATEL UNIVERSITY
S.Y.B.B.A. (ITM) SEMESTER – IV (CBCS) (4 YEARS) EXAMINATIONS – 2019
UM04CBB106: Computer Networks
Monday, 15th April, 2019.

Time: 10.00 am to 12.00 PM

Max. Marks: 60

- Q-1 Discuss LAN, MAN and WAN in detail. [15]
- OR
- Q-1 Explain OSI reference model in detail. [15]
- Q-2 Explain Twisted-pair cable and Coaxial cable in detail. [15]
- OR
- Q-2 Explain following devices in detail: Hub, Switch, Router [15]
- Q-3 Write a short note on: Synchronous transmission, Asynchronous transmission [15]
- OR
- Q-3 Explain the followings: Half-duplex transmission, Full duplex transmission, Serial transmission, Parallel transmission [15]
- Q-4 Explain following topologies in detail: Star, Mesh, Bus, Ring. [15]
- OR
- Q-4 Discuss CSMA/CD and CSMA/CA in detail. [15]

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