



Seat No. _____

BACHELOR OF SCIENCE (INFO. & TECH.)-CS Examination
BSCIT CS SEMESTER-3 NOVEMBER 2025 (NEP) NOVEMBER - 2025

CS-20: NETWORK TECHNOLOGY AND ADMINISTRATION

Faculty Code : 017

Subject Code : 24CS-BSIT-SE-03-03001

Time : 1 Hours]

[Total Marks : 25

Q.1 Attempt any two of the following.

- (1) Explain OSI reference model.
- (2) Explain communication method.
- (3) Explain TCP/IP reference model.
- (4) Write a short note on Network Topology.

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Q.2 Attempt any two of the following.

- (1) Write a short note on Unguided Media.
- (2) Explain function of layer 3 devices.
- (3) Difference between layer 2 v/s layer 3 switch.
- (4) What is switching? Explain switching techniques.

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Q.3 Attempt any one of the following.

- (1) What is routing? Explain types of it.
- (2) Differentiate GPS v/s GPRS.

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