

Roll No.

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Total No. of Pages : 02

Total No. of Questions : 07

BCA (Sem.-3)
COMPUTER NETWORKS
Subject Code : UGCA-1913
M.Code : 78179
Date of Examination : 18-06-2025

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains SIX questions carrying TEN marks each and students have to attempt any FOUR questions.

SECTION-A

1. Write briefly :

- a. Digital
- b. Synchronous
- c. Half-duplex
- d. LAN
- e. Optical fiber
- f. Attenuation
- g. TDM
- h. IEEE 802.4
- i. Congestion
- j. UDP

SECTION - B

2. Write a note on SLIP and PPP.
3. What is Multiplexing? Explain its types, merits and demerits.
4. Define routing. Explain any one algorithm of routing.
5. Write a note on flow control and buffering.
6. Explain the various wireless transmission techniques.
7. Discuss the various issues in session and presentation layer.

NOTE : Disclosure of Identity by writing Mobile No. or Marking of passing request on any paper of Answer Sheet will lead to UMC against the Student.