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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 :20-12-2024

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) Analog
- b) Modem
- c) MAN
- d) Ring vs Mesh
- e) Switch line
- f) PPP
- g) Flow control
- h) CDMA
- i) Buffering
- j) FTP

SECTION-B

2. What is Unguided Network Media? Explain its types, merits and demerits.
3. Explain different types of error detection and error correction methods with example.
4. Discuss various routing algorithms.
5. What is OSI reference model? Compare it with TCP/IP model.
6. Differentiate between circuit, message and packet switching.
7. Define frame. Explain the services provided by data link 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.