

Roll No. \_\_\_\_\_

Total No. of Pages : 01

Total No. of Questions : 08

**BCA (Sem.-3)**  
**COMPUTER NETWORKS**

**Subject Code : UGCA-1913**

**M.Code : 78179**

**Date of Examination : 10-02-22**

**Time : 2 Hrs.**

**Max. Marks : 60**

**INSTRUCTIONS TO CANDIDATES :**

1. Attempt any FIVE question(s), each question carries 12 marks.
  
1. What is Unguided Network Media? Explain its types, merits and demerits.
2. Why multiple access is required in LAN technologies? Compare FDM, TDM and SDM.
3. Differentiate between circuit, message and packet switching.
4. What is OSI reference model? Compare it with TCP / IP model.
5. Discuss the various issues in session and presentation layer.
6. Differentiate between simplex, half duplex and full duplex channels.
7. Define routing. Explain any one algorithm of routing.
8. Write a note on flow control and buffering.

**Note:** Any student found attempting answer sheet from any other person(s), using incriminating material or involved in any wrong activity reported by evaluator shall be treated under UMC provisions.

Student found sharing the question paper(s)/answer sheet on digital media or with any other person or any organization/institution shall also be treated under UMC.

Any student found making any change/addition/modification in contents of scanned copy of answer sheet and original answer sheet, shall be covered under UMC provisions.