# MCA 2nd Semester Examination, 2023

## COMPUTER NETWORK LAB.

( Practical )

PAPER – MCA-298

*Full Marks* : 50

*Time* : 3 hours

Answer **all** questions

*The figures in the right hand margin indicate marks*

*Candidates are required to give their answers in their own words as far as practicable*

Answer any **one** question from following :   35 × 1

1. Write a program to implement stop and wait protocol.

2. Write a program to implement sliding window protocol.

3. Write a program to implement echo server using TCP socket.

4. Write a program to implement echo server using UDP socket.

5. Write a program to implement echo client using TCP socket.

6. Write a program to implement echo client using UDP socket.

7. Write a program to implement RPC (Remote procedure call)

8. Write a program to implement FTP server using TCP sockets.

Viva-voce – 10 Marks

LNB – 05 Marks

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