PG/IIS/MCA/208/25(Pr.)

MCA 2nd Semester Examination, 2025

MCA

(Computer Network Lab)

(Practical)

PAPER—MCA-208

Full Marks : 50

Time : 3 hours

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** of the following on Lottery basis :   35×1

1. Write a program to implement **echo server using TCP socket.**

2. Write a program to implement **sliding window protocol**.

3. Write a program to implement **FTP client using TCP socket.**

4. Write a program to implement **echo client using UDP socket.**

5. Write a program to implement **the ARP/ RARP protocol simulation.**

6. Write a program to implement **echo client using TCP socket.**

7. Write a program to implement **subnetting logic.**

8. Write a program to implement **stop and wait protocol.**

9. Write a program to implement **echo server using UDP socket**.

10. Write a program to implement **RPC (Remote Procedure Call)** mechanism.

Viva – 10 marks
Notebook – 5 marks