**R****AJIV GANDHI UNIVERSITY OF KNOWLEDGE TECHNOLOGIES, BASAR**

(A.Y. 2022-2023)

**CSE**

Subject: Computer Networks Lab Subject Code: CS3802

Date: 11/07/2023 Time: 2 Hrs.

Exam: E3 SEM2 LAB INTERNAL Max Marks: 40

**SET 1**

**NOTE:**

1. Answer any Two Questions, each question carries 20 Marks
2. Use Packet tracer for Simulation.
3. Mention the IP’s of each PC/device on the packet tracer interface.
4. After completing one simulation, you may contact the invigilator and show your output, then you may start the next simulation.
5. **While showing simulation, Make sure to select only ICMP protocols so as to avoid confusion.**
6. Draw the required diagrams, write the procedure for the simulation and CLI commands (wherever needed) in the answer script.
7. Configure a Switch and simulate the environment to Remotely access the Switch from three different PC’s (Use CLI commands)

**Required output:**

A) Should able to configure the switch from three different PCs

B) Ping switch from PC’s

1. Create Two Different LANs.

Details of First LAN: Use star topology with 5 PC’s and Use Class B addressing.

Details of Second LAN: Use Ring topology with 4 PC’s and Use Class C addressing.

Connect the above two LANs by using required devices.

**Required output:**

A) Broadcasting in the same LAN

B) Ping any PC’s from the PC in the same LAN

C) Ping any PC’s from the PC in different LAN

D) Unicasting from any PC to any other PC.

---------------------------------------------**END OF THE PAPER**----------------------------------------------