

# 44 Lecture - CS501

## Important Mcqs

1. Which of the following is not a communication medium?

- a) Copper wires
- b) Fiber optics
- c) Wireless signals
- d) LAN

Answer: d) LAN

Which communication medium provides the highest transmission speeds?

- a) Copper wires
- b) Fiber optics
- c) Wireless signals
- d) Bluetooth

Answer: b) Fiber optics

Which network topology is most commonly used in home networks?

- a) Star
- b) Bus
- c) Ring
- d) Mesh

Answer: a) Star

In which network topology, each device is connected to a central hub or switch?

- a) Star
- b) Bus
- c) Ring
- d) Mesh

Answer: a) Star

In which network topology, a single break in the communication channel can bring down the entire network?

- a) Star
- b) Bus
- c) Ring
- d) Mesh

Answer: c) Ring

Which network topology is best suited for large networks with heavy traffic?

- a) Star
- b) Bus
- c) Ring
- d) Mesh

Answer: d) Mesh

Which communication medium is most immune to interference and noise?

- a) Copper wires

- b) Fiber optics
- c) Wireless signals
- d) Bluetooth

**Answer: b) Fiber optics**

**In which network topology, data travels in a single direction only?**

- a) Star
- b) Bus
- c) Ring
- d) Mesh

**Answer: b) Bus**

**Which network topology is most fault-tolerant?**

- a) Star
- b) Bus
- c) Ring
- d) Mesh

**Answer: d) Mesh**

**Which communication medium is most commonly used for wireless networks?**

- a) Copper wires
- b) Fiber optics
- c) Wireless signals
- d) Bluetooth

**Answer: c) Wireless signals**