

## **Important Questions and Answers**

**Q1. What is a computer network?**

**A computer network is a group of interconnected devices that share data.**

**Q2. What are types of networks?**

**LAN, WAN, MAN, and PAN.**

**Q3. What is LAN?**

**A Local Area Network connects devices in a small area.**

**Q4. What is WAN?**

**A Wide Area Network covers large geographical areas.**

**Q5. What is an IP address?**

**A unique address assigned to each device on a network.**

**Q6. What is a router?**

**A device that connects multiple networks.**

**Q7. What is a switch?**

**A device used to connect computers in a LAN.**

**Q8. What is network protocol?**

**Rules that control communication between devices.**

**Q9. What is the internet?**

**A global network connecting millions of computers.**

**Q10. What is bandwidth?**

**The amount of data transmitted over a network.**

**Q11. What is network security?**

**Protection of network systems from attacks.**

**Q12. What is a modem?**

**A device that connects computers to the internet.**

**Q13. What is wireless networking?**

**Communication without cables.**

**Q14. Where are computer networks used?**

**Homes, offices, schools, and businesses.**

**Q15. Why are networks important?**

**They allow sharing of information and resources.**