

No. of Printed Pages : 4  
Roll No. ....

171062A/030861

**6th Sem / Branch : ELTX./COMP.**  
**Sub. : Computer Network/Trouble shooting**  
**of Computer Networks**

Time : 3Hrs.

M.M. : 100

**SECTION-A**

**Note:** Multiple choice questions. All questions are compulsory (10x1=10)

Q.1 Physical or logical arrangement of network is \_\_\_\_\_.  
(CO1)

- a) Topology                      b) Routing
- c) Networking                 d) Control

Q.2 WAN stands for \_\_\_\_\_. (CO9)

- a) World area network    b) Wide area network
- c) Web area network     d) Web access network

Q.3 OSI is an acronym for \_\_\_\_\_. (CO3)

- a) Open system inter connection
- b) Open session interconnection
- c) Open segmentation implementation
- d) Open system implementation

Q.4 How many levels of addressing is provided in TCP/IP protocol? (CO2)

- a) One                              b) Two
- c) Three                          d) Four

Q.5 Which cable used for RJ11 connectors? (CO2)

- a) Thin coaxial cable
- b) Thick coaxial cable
- c) Unshielded twisted pair cable
- d) telephone cable

Q.6 A device that is used to connect a number of LANs is (CO9)

- a) Router                         b) Repeater
- c) Bridge                         d) All of above

Q.7 FTP stands for (CO3)

- a) File transfer protocol.
- b) File transmission protocol
- c) Form transfer protocol
- d) Form transmission protocol

Q.8 \_\_\_\_\_ is the Technique used in firms to protect IT assests. (CO8)

- a) Ethical Hacking            b) Unethical Hacking
- c) Fixing bugs                 d) Internal data breach

Q.9 What is the full form of WLAN. (CO9)

- a) Wide Local Area Network
- b) Wireless Local Area Network
- c) Wireless land access network
- d) Wireless Local Area Node

- Q.10 Li-Fi stands for? (CO9)  
 a) Light Fidelity      b) Life Fidelity  
 c) Lean Fidelity      d) None of the above

### SECTION-B

**Note:** Objective type questions. All questions are compulsory. (10x1=10)

- Q.11 What is Network. (CO3)  
 Q.12 TCP/IP stands for \_\_\_\_\_. (CO3)  
 Q.13 What is IPV6? (CO5)  
 Q.14 What is Subnetting. (CO7)  
 Q.15 Expand Raid. (CO8)  
 Q.16 What is Modem? (CO8)  
 Q.17 What do you mean by Li-Fi? (CO9)  
 Q.18 Define encryption. (CO5)  
 Q.19 What is NIC? (CO4)  
 Q.20 OSI stands for \_\_\_\_\_. (CO3)

### SECTION-C

**Note:** Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)

- Q.21 Distinguish between LAN, MAN & WAN. (CO9)  
 Q.22 What is Switching? Describe Packet switching in brief. (CO2)  
 Q.23 Describe Loopback concept. (CO6)

- Q.24 Explain functions of application layer in OSI model. (Co3)

- Q.25 List five uses of session layer in OSI Model. (CO3)

- Q.26 Write short note on physical addressing. (CO5)

- Q.27 What is Ethernet? Explain its various categories. (CO1)

- Q.28 Differentiate between IPV4 & IPV6. (CO5)

- Q.29 What are Routers? List its two uses. (CO6)

- Q.30 Explain briefly net - to phone telephony. (CO6)

- Q.31 Differentiate between Active & Passive Hub. (CO6)

- Q.32 Describe client - server Network with diagram. (CO1)

- Q.33 Describe ETHICAL Hacking. (CO8)

- Q.34 Explain Architecture of WLAN. (CO9)

- Q.35 Describe wi max. (CO9)

### SECTION-D

**Note:** Long answer type questions. Attempt any two questions out of three questions. (2x10=20)

- Q.36 What is network cabling? List various types of network cable and explain any two types of cable. (CO1)

- Q.37 Explain TCP/IP in detail with neat diagram. (CO3)

- Q.38 Explain various network topologies in detail. (CO1)