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**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 connecters? (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 assets. (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)