



ST. LAWRENCE HIGH SCHOOL

A Jesuit Christian Minority Institution



WORKSHEET – 11 (Answer Key)

Topic – WAN, Leased circuit networks, Switched circuit networks, MODEM, TCP/IP model

Subject: COMPUTER SCIENCE Class - 12

F.M:15

Chapter: Wide Area Network(WAN)

Date: 09/06/2020

Choose the correct answer for each question:

[15 x 1 =15]

1. Which among the following spans a large geographical area of 2000 km or more?
 - a. LAN
 - b. PAN
 - c. **WAN**
 - d. MAN
2. Examples of WAN:
 - a. Internet
 - b. Cable TV network
 - c. Railway reservation system
 - d. **Both (a) and (c)**
3. Communication medium in WAN can be:
 - a. Telephone lines
 - b. Fibre optic
 - c. Satellite links
 - d. **All of these**
4. WAN is characterized by :
 - a. High bandwidth
 - b. Low data rates
 - c. Noisy and error prone
 - d. **All of these**
5. In _____, the sender and the receiver establish a dedicated physical path for the entire duration of the call.
 - a. Leased Line
 - b. **Circuit switching**
 - c. Packet Switching
 - d. None of these
6. Which of the following establishes a dedicated connection and is always on?
 - a. **Leased Line**
 - b. Circuit switching
 - c. Packet Switching
 - d. None of these

7. Full form of WAN:
- Wide Access Network
 - Wide Area Network**
 - Wifi Access Network
 - Wifi Assigned Network
8. What is the full form of MODEM?
- Modulation And Demodulation
 - Modulator And Demodulator**
 - Modulator And Electronic Demodulator
 - Modulator Or Digital Electronic Demodulator
9. The speed of modem is measured in :
- kL
 - mB
 - mbps**
 - kmph
10. A _____ connects our computer to a standard phone line or cable, so that we can send data or receive data.
- Hub
 - Gateway
 - Modem**
 - All of these
11. Which of the following is not correct about WAN?
- Connects individual computer**
 - Links small networks(LANs)
 - Links small networks(MANs)
 - None of these
12. Modem modulator converts :
- Digital to analog signal
 - Analog to digital signal**
 - Digital to Hybrid signal
 - None of these
13. Modem demodulator converts :
- Digital to analog signal**
 - Analog to digital signal
 - Digital to Hybrid signal
 - None of these
14. Leased lines are characterized by:
- Always active
 - Secure
 - Consistent quality of service(QoS)

d. **All of these**

15. Full form of TCP:

- a. Transfer Connection Protocol
- b. **Transmission Control Protocol**
- c. Transmitting circuit Point
- d. Transmission Control Point

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