| Department of Electrical Engineering Assignment Date: 14/04/2020 | | | | | | |
|--|--|-----------------------|---|--|--|--|
| Course Details | | | | | | |
| Course Title: | | Madula | | | | |
| nstructo | | Tables | | | | |
| | | | | | | |
| | Student Details | | • | | | |
| Name: | | Student ID: | | | | |
| | Part A (Objective Type) | | | | | |
| 1. | is the regulation of the amount of data that can be se | ent. | | | | |
| | Line Discipline | | | | | |
| | Flow Control | | | | | |
| с. | Error Control | | | | | |
| d. | All of the above | | | | | |
| 2. Fo | orty-five physical channels link devices arranged in | a mesh topology. | | | | |
| a. | Nine | | | | | |
| b. | Ten | | | | | |
| с. | Twelve | | | | | |
| d. | Fifteen | | | | | |
| 3. Się | gnals reflection at the taps can cause signal degradation ir | n a topology. | | | | |
| a. | Ring | | | | | |
| b. | Bus | | | | | |
| с. | Mesh | | | | | |
| d. | Star | | | | | |
| | | | | | | |
| 4 | layer allows a process to add synchronization points | s into steam of data. | | | | |

- b. Transport
- c. Presentation
- d. Session
- 5. If the maximum value of a simple sine wave is 10 volts, the minimum value is _____ volts.

- a. 10
- b. 5
- c. Square root of 10
- d. -10
- 6. Choose the correct association between a device and its functionality
 - a. Computer Printer
 - b. CPU Input
 - c. LCD Input
 - d. Modem Modulation and Demodulation

Fill in the Blanks

- 7. Baud rate is always less than or equal to _____ rate.
- 8. Stop-and-wait is a _____ technique.
- 9. A ______ is uniquely identified by an IP address and a port number.
- 10. In _____ layer of TCP/IP model port address are defined.

| | | proper examples. | | | |
|----|-----|---|-------------------------------------|-----|--|
| | | proper examples. (5) | | | |
| | | (5) Sender | Receiver | | |
| | | Andy | Application layer | | |
| | | Parvez | Presentation layer | | |
| | | Shayan | Session layer | | |
| | | Tariq | Transport layer | | |
| | | Nawaz | Network layer | | |
| | | Danish | Data link layer | | |
| | | Paul | Physical layer | | |
| | | | | | |
| | (b) | Data is independent of signal levels and it cannot achieve data higher than channel ca | | | |
| | | Please elaborate this statement. (5) | | | |
| Q2 | | Sometimes the sender sent the information to the receiver but the receiver does not receive the | | | |
| | | exact information which sender sent to it. How to overcome this problem?? | | (5) | |
| 23 | | For transmitting huge amount of data over long distances which type of technique we usually | | | |
| | | use? Explain with the help of exam | ? Explain with the help of example. | | |