

**The Lincoln University**  
**Department of Mathematics and Computer Science**



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**Study Guide Physical/Link Layer: CSC- 457 Computer Networking**

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- \_\_\_\_\_ 1. How many layers does OSI reference model have? What is the lowest layer in the model?
- A. 5, Link Layer
  - B. 7, Physical Layer**
  - C. 7, Link Layer
  - D. 5, Physical Layer
- \_\_\_\_\_ 2. What is the maximum data rate for 802.11g?
- A. 56Mbps**
  - B. 11Mbps
  - C. 100+Mbps
  - D. 1 Gbps
- \_\_\_\_\_ 3. Which cables are widely used in the backbone of networks?
- A. Unshielded Twisted Pair(UTP)
  - B. Shielded Twisted Pair(STP)
  - C. Optical Fiber**
  - D. Wireless
- \_\_\_\_\_ 4. The type of cable that has much lower attenuation and can carry signal to longer distances without using amplifiers and repeaters in between.
- A. UTP
  - B. STP
  - C. Optical Fiber**
  - D. All of the above
- \_\_\_\_\_ 5. The major problem(s) suffered for transmission lines on physical layer is/are
- A. Attenuation distortion
  - B. Delay distortion
  - C. Noise
  - D. All of the above**
- \_\_\_\_\_ 6. What is the use of Bridge in a network?
- A. Connecting LANs**
  - B. Controlling network speed
  - C. Routing
  - D. All of the above
- \_\_\_\_\_ 7. Which of the following name is not related to the network physical Layer
- A. UTP
  - B. Coaxial
  - C. Datagram**
  - D. Optical Fiber