CSCI 3303 Networking Data Communication

Homework Assignment 3

Due Date: Midnight Sep. 19, 2021

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1. A \_\_\_\_**Protocol**\_\_\_\_\_ set of rules that governs data communication.   
   **a) Protocols** b) Standards  
   c) RFCs d) Servers
2. OSI stands for \_\_\_\_**A**.\_\_\_\_\_\_  
   **a) open system interconnection** b) operating system interface  
   c) optical service implementation d) open service Internet
3. 1. How many layers are present in the Internet protocol stack (TCP/IP model)? **A.**  
   **a) 5** b) 7 c) 6 d) 10
4. 2. The number of layers in ISO OSI reference model is \_\_\_\_**B**.\_\_\_\_\_\_  
   a) 5 **b) 7**  c) 6 d) 10
5. 3. Which is an addition to OSI model when compared with TCP IP model? \_\_\_\_\_**D**.\_\_\_\_\_\_  
   a) Application layer b) Presentation layer  
   c) Session layer **d) Session and Presentation layer**
6. The functionalities of the presentation layer include \_\_\_\_**D.**\_\_\_\_\_\_\_\_  
   a) Data compression b) Data encryption  
   c) Data description **d) All of the mentioned**
7. When data is sent from A to B, the 5th OSI layer to receive data at B is \_\_\_\_\_\_**D.**\_\_\_\_\_\_  
   a) Application layer b) Transport layer  
   c) Link layer **d) Session layer**
8. TCP/IP model does not have \_\_\_\_\_**A.**\_\_\_\_\_ layer but OSI model have this layer.  
   **a) session layer**  b) transport layer  
   c) application layer d) network layer
9. Which is not an application layer protocol? \_\_\_\_**D**.\_\_\_\_\_\_\_  
   a) HTTP b) SMTP c) FTP **d) TCP**
10. TCP groups a number of bytes together into a packet called \_\_\_**C.**\_\_\_\_  
    a) Packet b) Buffer **c) Segment**  d) Stack