

Network Architectures 3329 (5503)
Spring 2018
04/20/18

Name: _____

Quiz 12-1

Time Limit: 5 minutes

- **Print your name.**
- Close-book policy: You may not use the text, my class notes and/or any notes and study guides you have created. You may use a calculator. You may not use a cell phone or computer.

Problem	Points	Score
1	1	
2	1	
3	1	
4	1	
5	1	
Total:	5	

1. (1 point) Which of the following does not belong to a broadcast channel
 - A. LANs
 - B. Ethernet
 - C. point-to-point link**
 - D. wireless LANs

2. (1 point) Medium access protocols like multiple access protocols are always needed to coordinate frame transmission on network links.
 - A. True
 - B. False**

3. (1 point) Which of the following applies (apply) to error detection / error correction at link layer:
 - A. duplicate the functionalities at other layers
 - B. serve a useful role
 - C. not implemented in certain links
 - D. all of the above**

4. (1 point) Where is the link layer implemented?
 - A. hardware
 - B. router
 - C. host
 - D. all of the above**

5. (1 point) With two-dimensional parity check, suppose we have a data D of 35 bits arranged in a 5×7 matrix, how many extra parity bits will be added?
 - A. 5
 - B. 13**
 - C. 35
 - D. 12