

Network Architectures 3329
Spring 2018
01/31/18

Name: _____

Quiz 3

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) In a client-server architecture, the server
 - A. is always on
 - B. has a fixed, well-known IP address
 - C. can be implemented by a cluster in a datacenter
 - D. all of the above**

2. (1 point) In comparison with client-server architectures, P2P architectures are
 - A. self-scalable and cost effective**
 - B. simple to manage
 - C. securer and more reliable due to their highly decentralized structure
 - D. all of the above

3. (1 point) What services are provided by TCP/UDP?
 - A. reliable data transfer**
 - B. throughput
 - C. timing
 - D. all of the above

4. (1 point) What information is used by a browser process running on one host (IP address 1.2.3.4) to send a HTTP message to a web server process running on another host 1.2.3.5? The port number associated with HTTP and mail server are 80 and 25 respectively. Suppose the host 1.2.3.5 also runs a mail server.
 - A. (1.2.3.5, 80)**
 - B. (1.2.3.4, 80)
 - C. (1.2.3.5, 25)
 - D. (1.2.3.4, 25)

5. (1 point) In a host, network socket
 - A. is the interface between the application layer and the transport layer
 - B. receives / delivers message from / to the application process
 - C. is controlled and implemented by the host operating system
 - D. all of the above**