Network Lab Answer Sheet.

Please complete this answer sheet and turn it in at the beginning of class on the due date posted in LEARN.

Part I

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| Question | Answer |
| 1  (3 pts) | Broadband Internetwork Analyzer |
| 2  (5 pts) | 1. Cisco Systems, Inc 2. ProCurve Networking by HP 3. Apple, Inc. 4. IBM CORP 5. Samsun Electronics Co.,Ltd |
| 3  (3 pts) | 98:01:a7:9e:36:7f = the mac address of my computer that is connected to the network |
| 4  (2 pts) | 10.250.127.251 =The IP address that my computer is using to connect to the network |
| 5  (2 pts) | 144.118.27.33 = DNS servers IP Addresses |
| 6  (2 pts) | 10.250.127.254 = Default gateway address |
| 7  (6 pts) | The info that I get back is number of packets transmitted and received which was “55 packets transmitted, 55 packets received, 0.0% packet loss  round-trip min/avg/max/stddev = 1.937/6.865/134.222/17.595 ms” |
| 8  (3 pts) | 1 second = 1000 milliseconds |
| 9  (2 pts) | There are 2 hops between my computer and cci.drexel.edu |
| 10  (2 pts) | There are 11 hops between my computer and google.com |
| 11  (2 pts) | There are 19 hops between my computer and www.hitachi.jp |
| 12  (3 pts) | The jp in hitachi.jp represents Japan |
| 13  (4 pts) | The command brings a response with the server address and the IP address. Also shows the canonical name |
| 14  (2 pts) | The IP address that resolves to this website is 104.110.156.135 |
| 15  (2 pts) | The IP address that resolves to [www.drexel.edu](http://www.drexel.edu) is 144.118.72.83 |

Part II

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| --- | --- |
| Question | Answer |
| 1  (5 pts) | TCP, TLSv1, ARP, IGMPv2, HTTP |
| 2  (4 pts) | HTTP Stands for HyperText Transfer Protocol |
| 3  (3 pts) | It took .012592 second from the HTTP GET message was sent until the HTTP OK reply was received |
| 4  (3 pts) | The unit used by the times provided next to each frame in Wireshark is seconds |
| 5  (4 pts) | The IP address for that website is 128.119.245.12 |

6 (8 pts) Place Wireshark screen shot below

A screenshot of a social media post

Description generated with very high confidence