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) | BIA stands for Burned In Address |
| 2  (5 pts) | 1. 00-01-C9 – Cisco Networks 2. 00-1B-3F – ProCurve Networking by HP 3. 78-31-C1 – Apple Inc 4. 00-22-00 – Either Blade Network Technology or IBM Corp 5. 00-24-54 – Samsung Electronics Co |
| 3  (3 pts) | 38-DE-AD-A8-43-82 |
| 4  (2 pts) | 10.250.68.79 |
| 5  (2 pts) | 144.118.27.33 |
| 6  (2 pts) | 10.250.127.254 |
| 7  (6 pts) | It gave me the TTL(Time To Live), my ping- how long it took me to reach the server(1ms), and it sends some packets to see if I’m losing packets and if the connection is poor |
| 8  (3 pts) | 1000 milliseconds in a second |
| 9  (2 pts) | 3 hops |
| 10  (2 pts) | 11 hops |
| 11  (2 pts) | 40.115.246.195 I took 30 hops then and it began timing out at the 19th hop |
| 12  (3 pts) | Japan |
| 13  (4 pts) | I believe it connected me from the Drexel server to their server/website showing me details for the site that anyone who is not an admin can see |
| 14  (2 pts) | 184.28.69.78 |
| 15  (2 pts) | 144.118.72.83 |

Part II

|  |  |
| --- | --- |
| Question | Answer |
| 1  (5 pts) | TCP  TLS v1.2  ARP  HTTP  DNS |
| 2  (4 pts) | Hyper Text Transfer Protocol |
| 3  (3 pts) | 38 milliseconds |
| 4  (3 pts) | milliseconds |
| 5  (4 pts) | 104.16.60.37 |

6 (8 pts) Place Wireshark screen shot below

