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) | Burned in Address |
| 2   1. pts) | 1. Cisco Systems inc. 2. Procurve Networking by HP 3. Apple 4. IBM Corp 5. Samsung Electronics Company |
| 3  (3 pts) | Physical Address – 00-50-56-00-00-80 |
| 4  (2 pts) | IPv4 – 10.246.245.61 |
| 5  (2 pts) | DNS Servers – 144.118.24.20  144.118.24.10 |
| 6  (2 pts) | Default Gateway – 10.246.247.254 |
| 7  (6 pts) | I receive the ip address for that I am pinging. I also get the time it takes to receive that information. |
| 8  (3 pts) | There are 1000 milliseconds in one second |
| 9  (2 pts) | 3 hops |
| 10  (2 pts) | From my VCL > Drexel Servers > several Ip Addresses > Google.com, 11 hops |
| 11  (2 pts) | VCL > Drexel Servers> Some IP Addresses > Tokyo > More Ip Addresses > Destination, 11 hops |
| 12  (3 pts) | Japan |
| 13  (4 pts) | This shows the Server I am on and the address along with the address I am looking up with the IP and different aliases. |
| 14  (2 pts) | 23.206.172.104 |
| 15  (2 pts) | 144.118.66.83 |

Part II

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| Question | Answer |
| 1  (5 pts) | 1. HTTP 2. IGMPv2 3. LLMNR 4. NBNS 5. SSDP 6. TCP 7. TPKT |
| 2  (4 pts) | Hypertext Transfer (or Transport) Protocol |
| 3  (3 pts) | .01028ms |
| 4  (3 pts) | milliseconds |
| 5  (4 pts) | 128.119.245.12 |

6 (8 pts) Place Wireshark screen shot below