**Q.1:**

Source: 192.168.122.220, Dest: 192.168.122.1

DNS (query) – Standard query 0xcb8a A [www.example.com](http://www.example.com)

Source: 192.168.122.1, Dest: 192.168.122. 220,

DNS (response) – Standard query response 0xcb8a A [www.example.com](http://www.example.com) A 93.184.216.34

**Q.2:**

93.184.216.34

**Q.3:**

It depends on the size of the domain name.

Standard port: 53

**Q.4:**

Recursive

**Q.6:**

304 Not Modified

**Q.7:**

Initial: 1065 bytes (8520 bits)

Refetch: 342 bytes (2736 bits)

**Q.8:**

Not Modified