**Faizan Saleh**

**22L\_7925**

**BSE-6C1**

**LAB-4 CN**

**Q1:**

HTTP, SNMP, TCP, DNS

**Q2:**

[Time since request: 0.024143000 seconds]

**Q3:**

No, the request was unsuccessful and was 404 not found.

**Q4:**

HTTP 1.1

**Q5:**

Accept-Language: en-us, en;

**Q6:**

My Computer Src: 192.168.1.102, gaia.cs.umass.edu server: 128.119.245.12

**Q7**:

Ethernet II, Src: Dell\_4f:36:23 (00:08:74:4f:36:23), Dst: LinksysGroup\_da:af:73 (00:06:25:da:af:73)

**Q8:**

Transmission Control Protocol, Src Port: 4127, Dst Port: 80, Seq: 1, Ack: 1, Len: 501

**Q9:**

First Response: 200 OK

Second Response: 404 Not found

**Q10:**

Last-Modified: Tue, 23 Sep 2003 05:29:00 GMT

**Q11:**

First Response: [Content length: 73 bytes] Second Response: [Content length: 1071 bytes]

**PART 2**

The HTTP CONDITIONAL GET/response interaction

**Q1:**

There is no if modified since in the first HTTP GET request

**Q2:**

Yes the server did explicitly return the content of the file. It is said in the line based textual data, that a file lab2-2.html was downloaded

**Q3:**

Yes, in the second GET request there is an IF-MODIFIED SINCE text, the information that follows it is the day and time I last modified the webpage.

**Q4:**

HTTP code: 304 not modified

The server did not explicitly returned contents of file but told computer to use the cached version instead

**Q5:**

The browser only sent 1 HTTP GET request to the server

**Q6:**

Packet Number: 8 contains the GET request for The Bill of Rights

**Q7:**

Packet Number: 14 contains the OK request for and phrase for Bill of Rights.

**Q8:**

It contains the status code 200 OK and the phrase associated with response is OK

**Q9:**

[4 Reassembled TCP Segments (4816 bytes): #10(1460), #11(1460), #13(1460), #14(436)]

Packet Numbers: 10,11,13,14;

[Frame: 10, payload: 0-1459 (1460 bytes)]

[Frame: 11, payload: 1460-2919 (1460 bytes)]

[Frame: 13, payload: 2920-4379 (1460 bytes)]

[Frame: 14, payload: 4380-4815 (436 bytes)]