Q2: (captured Packet)

A screenshot of a computer

Description automatically generated

Q3: (Diagram)

A screen shot of a computer

Description automatically generated

Q4:

* Version (4 bits) / IHL (4 bits):
* Version: IPv4 (4) / Header Length: 20 bytes (5 words × 4 bytes)
* Type of Service (TOS):
* Differentiated Services Field (DSCP: CS0, ECN: Not set)
* Total Length:
* Total length of the IP packet (header + data) in bytes
* Identification:
* Unique identification for fragmented packets
* Flags (3 bits) / Fragment Offset (13 bits):
* No fragmentation flags set, Fragment offset: 0
* Fragment Offset (cont'd):
* Continuation of the Fragment Offset field
* Time to Live (TTL):
* Maximum number of hops the packet can take
* Protocol:
* Indicates the protocol being used (TCP)
* Header Checksum:
* Checksum for error-checking of the header

Q5:

It has more fragments, set to …1

Q6:

* Jak and Daxter:
* Was one first game with a seamless open world on the ps2
* Days Gone:
* Very impressive and realistic zombie hordes
* The Last of us: part 2
* Had Extremely impressive details in the game like rope physics among others

Q7:

* Steam
* Instagram
* Snapchat
* Netflix
* Disney plus
* Discord
* Amazon
* Amazon Prime
* Spotify
* Github
* Visual Studio Community