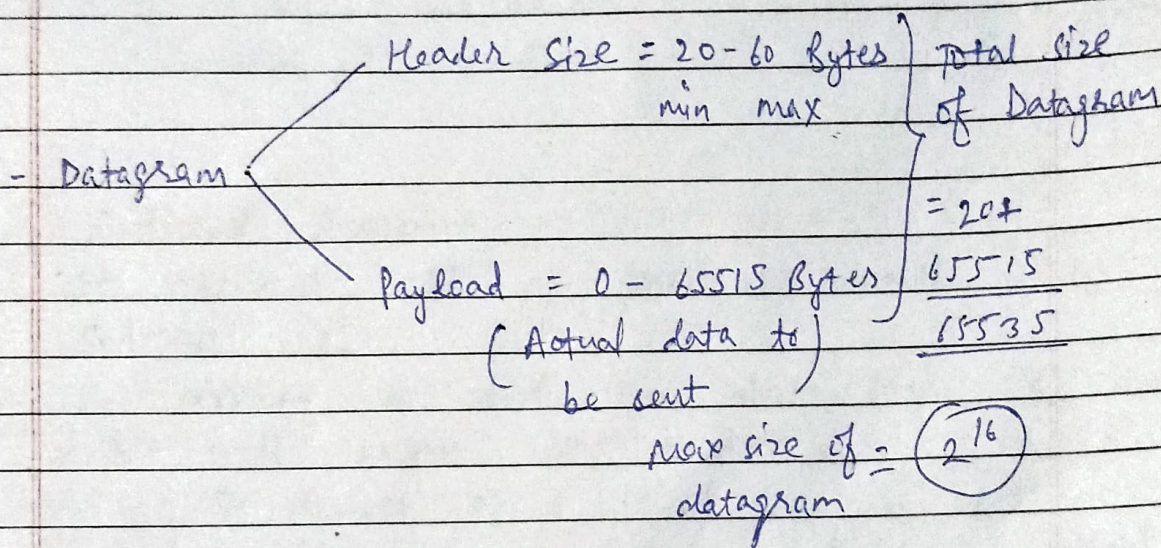


Assignment No. 3

Que-1 Explain IP packet format in brief.

Ans - It contains 12 fields of different lengths in the its fixed 20 bytes part and one optional part that may contain 0 or more words along with padding.

- IPv4 works at network layer.
- IPv4 Header is connectionless protocol.
- It is a datagram service. It means it is equipped with all information such as required to reach its destination point.



Que-2 What is dotted decimal notation?

Ans -

Dotted decimal notation is a system of presenting numbers that is a little different from the common conventions in arithmetic as it is taught in schools. Specially, dotted decimal notation is used

in various IT contexts, including in Internet Protocol Addresses.

The dotted decimal notation system used to commonly in IP addressing is just one of several choices for representing numbers differently. Another common one is the hexadecimal system, in which traditional numbers are augmented by letters of the alphabet in a base-16 system.