Data Communication and Computer Networks

Assignment No.03

Due Date Till 01-07-2022

Note: The assignment must be handover to the instructor in the class only. Late assignments will not be graded.

Read the research article titled "**Internet Protocols for Multimedia Communications**" **Edited by Peiya Liu.** (The article can be downloaded from IEEE Explore)

Answer the following questions using the above cited article only.

1. When and why IETF decided to develop new version of internet protocol.
2. Which protocol was defined to complement best effort service and provide reservation for multimedia communication
3. Why TCP and UDP is not sufficient for real time applications. Suggest the solution
4. Write the expanded version of the following acronyms

S.No	Acronyms	Expanded Name
1	DNS	
2	FTP	
3	HTTP	
4	ICMP	
5	IETF	
6	IP	
7	MBone	
8	RIP	
9	RTP	
10	RTCP	
11	RTSP	
12	RSVP	

5. What do you mean by connection oriented
6. Differentiate among Unicast, Multicast and Anycast. address