



PILLAI COLLEGE OF ENGINEERING, NEW PAN
(Autonomous) (Accredited 'A+' by NAAC)
END SEMESTER EXAMINATION(Supplementar
DECEMBER 2022

BRANCH: ELECTRONICS &

SEM VII

Subject:- Internet Communication Engineering

**Time:
03.00 Hours**

Max. Marks: 80

N.B 1. Q.1 is compulsory

**2. Attempt any three from the remaining
four questions.**

3. Each Question carry 20 marks.

**Date:
22/12 /2022
Subject
Code:ECDDLO702
3**

Q.1.	Attempt All	Marks
a)	Explain the need of audio or video compression in multimedia communication	5
b)	Explain Transport layer security using SSL Protocol.	5
c)	Explain in detail RTP packet format.	5
d)	Explain any one method to improve Quality of Service (QoS).	5
Q.2.	Attempt All	
a)	With the help of a transition diagram, explain DHCP protocol. Also, evaluate the renewal and rebinding time if lease time provided is 8 hours.	10
b)	Discuss some characteristics of real time audio/video communication	10
Q.3.	Attempt All	
a)	Elaborate on PGP scenarios for Application layer security	10
b)	Examine and explain the different IOT protocols	10
Q.4.	Attempt All	
a)	Explain MPEG for video compression in detail with reference to JPEG compression	10
b)	Analyze the need for Network Automation and explain different types of network automation.	10
Q.5	Attempt All	

a)	What is RTCP? Where it is used? Discuss different messages used in RTCP?	10
b)	Explain the process of sending Email using message transfer agent	10

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