UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
Assignment

Program Name: B. Tech CSE   **Semester: V**
Course Name : Data Communication and Computer Networks   **Max. Marks: 30**
Course Code: ECEG3074
Start Date: 18/11/2024   **Due Date: 27/11/2024**

Note: Student need to submit a hardcopy after uploading a scanned copy on LMS.

Questions

Q1. Identify and explain the key IEEE Standards for LAN & WAN.   [5 Marks]

Q3. Highlight the role of SNMP and RMON in network management.   [5 Marks]

Q4. Write a short note on ICMP in about 150 words.   [2 Marks]

Q5. Draw and discuss in brief the IPv6 datagram header format and write a table of comparison between IPv4 and IPv6 headers format.   [4 Marks]

Q4. Write a short note on key Application Layer Protocols: [14 Marks]

1. WWW
2. HTTP
3. FTP
4. DNS
5. SMTP
6. RPC
7. P2P