**SRM INSTITUTE OF SCIENCE AND TECHNOLOGY**

VADAPALANI CAMPUS

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

**18CSC302J – COMPUTER NETWORKS**

QUESTION BANK

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**Unit - 5**

**Part -B**

**4 Marks**

1. Define DSL and the major components connected with DSL technology.
2. Brief about the other DSL Technologies.
3. Discus about DSL Benefits compared with other technologies.
4. Brief the concept of Cable Technology.
5. Compare and differentiate DSL with Cable Technology.
6. Write about four VPN SSL protocols.
7. Discuss about ATM LAN technology with fearures.
8. Brief about the AAL Layer in ATM communication network.
9. Write the different ATM Application.
10. Discuss about PPP frame and byte stuffing.
11. List some of the HDLC protocol family.
12. What is MPLS ? and MPLS charateristics.

**Part – C**

**12 marks**

1. Explain in details about how Modulation technique becomes standard for ADSL called as the Discrete Multi-tone Technique (DMT) with frame format.
2. Describe about Frame Relay Network Terminology involved in SVC and PVC with Frame Relay IETF frame format.
3. Explain in detail about how VPN technology to guarantee privacy for the organization.
4. Describe ATM communication network connection with ATM Cell Format.
5. Explain about the PPP Services, Components with PPP frame format.
6. Describe about HDLC link configuration transfer modes with frame structure.