

17. What is Optical cross connect? What are the various ways to realize optical cross connects? [K₂]
18. Write the ICMP header format. [K₁]
19. What is CMIP protocol? [K₁]
20. Write the ATM header format. [K₂]

PART C (6 x 5 = 30 Marks)

21. Explain about different multiplexing techniques. [K₁]
22. Explain best effort model and guaranteed service model [K₁]
23. What are the various QOS metrics? Explain about Laissez faire approach for improving QOS. [K₂]
24. Explain about RSVP integrated services architecture. Mention applications of RSVP. [K₁]
25. Write notes on WDM systems. [K₁]
26. What is remote monitoring? Mention its advantages. [K₂]

PART D (4 x 10 = 40 Marks)

27. Explain about various switching techniques with real time examples [K₂]
28. Explain briefly about RTP/RTCP protocols used in high performance networks [K₁]
29. Write notes on ATM networks. Explain about the ATM header structure and ATM service categories. [K₂]
30. Describe about the SNMP architecture. Describe the major changes in SNMPv2 and SNMPv3. [K₁]
