

Module-4

- 7 a. Show the implementation of a typical WDM network containing various types of optical amplifiers with relevant diagram. (04 Marks)
b. Write a note on optical isolators. (04 Marks)
c. In detail, explain the working of EDFA with figure of all the 7 transitions. (08 Marks)

OR

- 8 a. Explain about Mach – Zender Interferometer with a neat diagram. (06 Marks)
b. Explain optical Add/Drop multiplexer with diagram. (05 Marks)
c. With a note on MEMS technology. (05 Marks)

Module-5

- 9 a. Briefly explain about the optical fibre evolution. (05 Marks)
b. Explain ATM Frame format. (05 Marks)
c. Write in detail about IP for optical networks and explain the different implementation schemes for IP over WDM/DWDM. (06 Marks)

OR

- 10 a. Elaborate on the overview of public telecommunication networks. (08 Marks)
b. Explain with figure optical burst switching concepts. (08 Marks)
