

MAY 2013

**P/ID 17466/RCS/
PCAM**

Time : Three hours

Maximum : 75 marks

PART A — (5 × 5 = 25 marks)

Answer ALL questions.

1. (a) How are networks classified?
Or
(b) Write notes on standards Organisation.
2. (a) How are errors classified?
Or
(b) Compare parallel and serial transmission.
3. (a) Write notes on multiplexing types.
Or
(b) Compare connection oriented and connectionless services.
4. (a) List out the features of ISDN.
Or
(b) Describe ATM cell structure.
5. (a) Write notes on repeaters and bridges.
Or
(b) Write about WWW.

PART B — (5 × 10 = 50 marks)

Answer any FIVE questions.

6. Describe the layers of OSI model.
 7. Explain EIA-449 and X.21 interface.
 8. Write about the Classification of guided media.
 9. Describe token ring and FDDI.
 10. Compare circuit switching, packet switching and message switching.
 11. Summarize ISDN services.
 12. Describe the layers of ATM.
 13. Discuss on routing algorithms.
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