

MAY 2014

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

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Time : Three hours

Maximum : 75 marks

PART A — (5 × 5 = 25 marks)

Answer ALL questions.

1. (a) Write down the various advantages of distributed processing.  
Or  
(b) Write notes on LAN.
2. (a) Discuss on serial transmission.  
Or  
(b) What are the various types of radio wave propagation? Explain.
3. (a) Discuss on frequency-division multiplexing.  
Or  
(b) Write notes on token passing.
4. (a) What are the various services provided by broad band ISDN? Explain.  
Or  
(b) Discuss on ATM.

5. (a) Discuss on Repeaters.

Or

(b) Write notes on Bridges.

PART B — (5 × 10 = 50 marks)

Answer any FIVE questions.

6. Explain OSI reference model.
7. Write brief notes on DTE-DCE interface.
8. Explain the various unguided transmission media for data communication.
9. Discuss on error correction.
10. Explain IEEE standards 802.
11. Explain the types of packet switching.
12. Explain the layers of ISDN.
13. Explain link state routing.