

DECEMBER 2015

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

Time : Three hours

Maximum : 75 marks

PART A — (5 × 5 = 25 marks)

Answer ALL questions.

1. (a) What are the categories of network? Give a note.

Or

- (b) Give a note on layer technologies of OSI model.

2. (a) Write a short note on guided media.

Or

- (b) Describe DTE/DCE interface.

3. (a) Write a short note on DSL.

Or

- (b) Give a note on time division multiplexing (TDM).

4. (a) Write about broadband ISDN.

Or

- (b) What are the applications of ATM? Give a note.

5. (a) What are the devices used for networking?
Write about them.

Or

- (b) What are bridges? Describe their types.

PART B — (5 × 10 = 50 marks)

Answer any FIVE questions.

6. Discuss on network topologies.
7. Explain transmission impairment and performance.
8. Describe IEEE 802.6 and SMDS.
9. Explain the history and future of ISDN.
10. Write about :
- (a) Repeaters,
 - (b) Bridges,
 - (c) Routers,
 - (d) Gateways.

11. Explain :
 - (a) Distance Vector Routing,
 - (b) Link State Routing.
 12. Discuss on Transmission media.
 13. Explain Subscriber Access to the ISDN.
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