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Register Number:

Name of the Candidate:

M.C.A. DEGREE EXAMINATION, May 2015

(SECOND SEMESTER)

251. COMPUTER NETWORKS

Time: Three hours

Maximum: 100 marks

SECTION -A

(8 × 5 = 40)

Answer any EIGHT questions

1. Describe the uses and advantages of network.
2. Give a short note on standard organisation.
3. Explain gliding window protocol.
4. Explain SDLC.
5. Write a characteristics of LAN.
6. Write elements of transport protocol.
7. Define encryption and decryption with an example.
8. Write a short note on ISO security.
9. Write a short note on HTTP.
10. Write a short note on FTP.

SECTION -B

(3 × 20 = 60)

Answer any THREE questions

11. Discuss in detail about topology and its design
 12. Write short notes on
 - a) SDLC
 - b) Simplex stop and wait protocol
 13. Explain Routing techniques in detail.
 14. Write short notes on
 - a) Cryptographic principles
 - b) DES
 15. Write a short note on application protocol.
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