

с16-см-**401** с16-гт-**401**

6430

BOARD DIPLOMA EXAMINATION, (C-16)

DCME—FOURTH SEMESTER EXAMINATION

COMPUTER HARDWARE AND NETWORKING

Time: 3 hours [Total Marks: 80

PART—A

 $3 \times 10 = 30$

Instructions: (1) Answer all questions.

- (2) Each question carries three marks.
- (3) Answers should be brief and straight to the point and shall not exceed *five* simple sentences.
- 1. What is Mother Board?
- 2. Define form factor.
- 3. List the different types of hard drives.
- **4.** What is meant by trouble shooting?
- **5.** List the antistatic tools.
- **6.** What is the need for networking and list the classification of networks.
- 7. List the LAN devices.
- 8. Define Modem and list two functions of Modem.

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- **9.** What is Remote Monitoring?
- 10. What is class full addressing in IPv4?

PART—B

 $10 \times 5 = 50$

Instructions: (1) Answer any five questions.

- (2) Each question carries ten marks.
- (3) The answer should be comprehensive and the criterion for valuation is the content but not the length of the answer.
- **11.** Explain booting process in detail.
- **12.** Explain in detail about various types of connectors used in the system.
- 13. Explain about flash memories.
- 14. List out different UPSs and explain them.
- 15. Explain about the layers of OSI reference model in detail.
- **16.** Explain the following topologies:
 - (a) Star
 - *(b)* Bus
 - (c) Ring
 - (d) Mesh
 - (e) Hybrid
- 17. Explain the following protocols:
 - (a) HTTP
 - (b) FTP
 - (c) SMTP
 - (d) Telnet
- **18.** Explain model of ISO Network Management.

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