6430
BOARD DIPLOMA EXAMINATION
JUNE - 2019
DIPLOMA IN COMPUTER ENGINEERING/INFORMATION TECHNOLOGY
COMPUTER HARDWARE & NETWORKING
FOURTH SEMESTER EXAMINATION

Time: 3 Hours   **Total Marks: 80**

PART - A   (3m x 10 = 30m)

Note 1: Answer all questions and each question carries 3 marks

2: Answers should be brief and straight to the point and shall not exceed 5 simple sentences

1. Write a short note on MCA

2. List out various types of booting

3. Write any three differences between IDE and EIDE

4. What are various techniques for optimizing hard disk?

5. What is surge protection?

6. What is diagnostic software?

7. List out software components of networks

8. Write about star topology

9. Write about SMTP

10. Define IP Subnetting

PART - B   (10m x 5 = 50m)

Note 1: Answer any five questions and each carries 10 marks

2: The answers should be comprehensive and the criteria for valuation is the content but not the length of the answer

11. Explain various types of RAM

12. Explain CMOS Setup in detail

13. Explain hard drive partitioning

14. Explain about troubleshooting printer

15. Explain following topologies
    a) BUS   b) Star   c) Ring   d) Hybrid

16. Explain about TCP/IP Reference Model

17. Describe about IPv4 Addressing

18. Explain how SNMP works

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