

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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A.A.N.M & V.V.R.S.R POLYTEHNIC, GUDLAVALLERU, KRISHNA DIST., A.P

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