6430
BOARD DIPLOMA EXAMINATION
MARCH/APRIL - 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. Define Form Factor

2. Define booting

3. What is data recovery?

4. List various types of ROM

5. List out troubleshooting guidelines

6. List any three anti-static tools

7. Write a short note on Repeater

8. List out layers in TCP/IP Reference Model

9. Classify the types of Internet Protocol addressing

10. State the purpose of RMON

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 Computer hardware used for Input /Output in detail

12. Explain various types of RAM

* 13. What is meant by optimizing hard drive? explain following
      a) Disk Cleanup b) Disk fragmentation c) Disk Backup

14. Explain Keyboard troubleshooting

15. Write briefly about advantages and disadvantages of Following Topologies
    a) BUS b) Mesh

16. Explain about hardware and software components of networks

17. Explain Simple Network Management Protocol (SNMP) in detail

18. Write briefly about ISO Network Management

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