

BOARD DIPLOMA EXAMINATION, (C-05)  
OCT/NOV-2011  
DCME IV SEMESTER EXAMINATION  
COMPUTER HARDWARE & MAINTENANCE

Time : 3 Hours]

[Total Marks: 100

**PART-A** 10\*4=40

*Instructions: (1) Answer all questions and each question carries four marks. (2) Answers should be brief and straight to the point and shall not exceed five simple sentences.*

1. List any four drawbacks of MSDOC.
2. What is AGP?
3. Write the importance of CPU form factor.
4. List the components available in floppy disk drive.
5. Explain briefly about IDE and EIDE.
6. What is drive caching?
7. List the four basic steps in trouble shooting.
8. Write about bootable rescue disk.
9. What is energy star computer?
10. List any four features of WINDOWS NT.

**PART-B**

**5\*12=60**

Instructions: (1) Answer any five questions and each question carries twelve marks. (2) The Answers should be comprehensive and criteria for valuation is the Content but not the length of the answer.

11. Explain components inside a computer in detail
12. (a) explain CMOS setup. (b) explain bus technologies (i) USB (II) FIREWIRE
13. Explain about setting of bus speeds.
14. Explain hard disk partitioning.
15. Explain: (a) conventional memory (b) upper memory (c) extended memory (d) expanded memory
16. Explain different types of RAM.
17. Explain general trouble shooting of printer.
18. Explain different types of UPS.