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C09-EC-606B

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**BOARD DIPLOMA EXAMINATION, (C-09)
OCT/NOV—2018
DECE—SIXTH SEMESTER EXAMINATION
COMPUTER HARDWARE**

Time : 3 hours]

[Total Marks : 80

PART—A

3×10=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. Write about 5-pin DIN connector and state the purpose of all the pins.
2. Write the specifications of network card.
3. Write the features of Intel 815 chipset and its uses.
4. Briefly explain the working principle of capacitance switch.
5. List the uses of flash drive.
6. List the types of printer.
7. Write the contents of CONFIG.SYS file.

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8. What are the ^{*}uses of Windows registry?
9. What is the use of fdisk command?
10. State the need for disk partitioning.

PART—B

10×5=50

Instructions : (1) Answer *any five* questions.

(2) Each question carries **ten** marks.

(3) The answers should be comprehensive and the criterion for valuation is the content but not the length of the answer.

11. Mention different types of RAM in use with their specifications and differentiate them.
12. Describe the working of infrared keyboard and infrared mouse?
13. Describe the working of laser printer.
14. Explain the working of CD drive and writer.
15. Write about device classes in device manager.
- * 16. Explain various types of virus and procedure for removing viruses
17. Explain the steps involved in installing any of the Windows operating system.
18. (a) Explain the process of blocking damaged sectors.
(b) State the need for disk defragmentation.
