3763

BOARD DIPLOMA EXAMINATION, (C–09)
MARCH/APRIL—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. List the different expansion slots on motherboard.

3. Write the features of Intel chipset and its uses.

4. What is the working principle of capacitance switch?

5. List the various types of keyboards.

6. List the specifications of a monitor.

7. Write the contents of AUTOEXEC.BAT file.

8. What are the uses of Windows registry?

9. What is the use of fdisk command?

10. What is the need for partitioning?

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PART—B   10×5=50

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

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

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

11. Mention the different types of RAM in use with their specifications and compare them.

12. Describe the working of hard disk and data access.

13. Describe the working of dot-matrix printer.

14. Explain the working of CD drive and writer.

15. Explain the purpose of any five Control Panel icons.

16. Explain various types of viruses and procedure for removing viruses.

17. Explain the steps involved in installing operating system.

18. *(a)* Explain the need for installation of device drivers.   5

     (b) Briefly explain the need for defragmentation.   5

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