C09–EC–**606 B**

3763

BOARD DIPLOMA EXAMINATION, (C–09)
MARCH/APRIL—2014
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. List any three expansion slots available on the motherboard. 3

2. Briefly write the importance of SCSI hard disk controller. 3

3. What is cache memory? Briefly write its importance. 1+2=3

4. Write any six specifications of monitors. 3

5. List the different types of printers. 3

6. Write the importance of OCR. 3

7. List any six control panel icons. 3

8. Mention briefly the contents of config.sys. 3

9. What is the need of device drivers? 3

10. Write the importance of CMOS setup. 3

PART—B   10×5=50

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. Describe the storage of data on the floppy disk.   10

12. Explain the layout of components in the motherboard.   10

13. Describe the working of LCD monitor.   10

14. Explain the working of inkjet printer using relevant diagram.   10

15. Explain the purpose of control panel icons.   10

16. *(a)* Write about the contents of AUTOEXEC.BAT file.   5

(b) List the device classes in the device manager.   5

17. Explain the steps involved in assembling a PC.   10

18. *(a)* Write the steps in editing the CMOS setup.   5

(b) Write the steps for performing disk partitioning.   5

★ ★ ★