C09–EC–**606 B**

3763

BOARD DIPLOMA EXAMINATION, (C–09)
OCT/NOV—2015
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 the principle of storage of data in hard disk.

2. List any three functions of chipset.

3. List any three specifications of processor.

4. List the types of keyboards.

5. What is the working principle of capacitance switch?

6. What is flash drive? State its uses.

7. What is the need for BIOS settings?

8. Mention the uses of Windows registry.

9. What is defragmentation?

10. Write about disk manager.

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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. Describe the functioning of network card and list its specifications. 7+3=10

12. *(a)* List different output voltages of SMPS. 3

(b) Explain about serial, parallel and USB ports. 2+2+3=7

13. Describe the working of laser printer. 10

14. Describe the working of scanner. 10

15. Explain the booting procedure of PC. 10

16. *(a)* Explain the purpose of any five control panel icons.

(b) List any two common viruses and explain the ways to remove them. 10

17. Describe the installation steps of Windows and LINUX OS. 10

18. *(a)* List various steps in assembling PC. 4

(b) Explain the editing of CMOS setup and its details. 6

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