C09–EC–**606 B**

3763

BOARD DIPLOMA EXAMINATION, (C–09)
APRIL/MAY—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. List any three functions of chipset.

2. What is NIC card? Mention its necessity.   1+2=3

3. List the important components of hard disk.

4. What is flash drive?

5. List the types of keyboards.

6. Differentiate between CD and DVD.   1½+1½=3

7. What is operating system?

8. What is window registry? Mention its uses.   2+1=3

9. Explain the need for formatting a disk.

10. List the different system tools available.

<p style="text-align:center">PART—B   10×5=50</p>

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. Explain about the following :   5+5=10

(a) AGP

(b) AT and ATX power connectors

12. Explain the working of hard disk.

13. Explain MPEG and JPEG formats.   5+5=10

14. Explain the working of digital camera.

15. Explain about the contents of boot sector.

16. Explain various types of viruses and way of removing viruses.
     3+7=10

17. What is fragmentation? Explain the need for defragmentation.
     5+5=10

18. Explain about the following :   5+5=10

(a) Remove the temporary files

(b) Surface scanning

<p style="text-align:center">★ ★ ★</p>