



C09-EC-606B

3763

**BOARD DIPLOMA EXAMINATION, (C-09)
MARCH/APRIL—2016
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 the components of motherboard. 3
2. What is cache memory? 3
3. What is video grabber card? Mention its functions. 1+2=3
4. List the types of key switch. 3
5. Define tracks, sectors and cylinders. 1+1+1=3
6. List the classification of different printers. 3
7. What is POST? List any two post errors codes. 1+2=3

8. Define computer virus. 3
9. What is device driver? 3
10. What is fragmentation? 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. Explain the different expansion slots on the motherboard.
12. Explain the working of harddisk and data access.
13. Explain the working of LCD monitors.
14. Explain the working of dot matrix printer.
15. Explain booting sequence.
16. List the sequence of operation performed by a computer during POST.
17. Explain the steps involved in assembling a PC.
18. Explain the use of floppy disk utility.
