C09–EC–**606 B**

3763

BOARD DIPLOMA EXAMINATION, (C–09)
OCT/NOV—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 various types of RAM used in computer.   3

2. Specify different voltages in SMPS of computer mother-board.   3

3. Write any six parameters by which the processor specifications are dealt.   3

4. List different types of keyboard.   3

5. Write the salient features of JPEG format.   3

6. What is flash drive? Briefly describe its use.   1+2=3

7. Briefly describe the usage of file allocation table.   3

8. Explain the need of POST. 3

9. Briefly write on disk partitioning. 3

10. What is the need of floppy disk? 3

<div align="center">PART—B</div> 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. List the features of any two types of chipset. 5+5=10

12. Write the features of any of two power supply connectors and two external devices of a computer. 10

13. Describe the principle of membrane switch and capacitance switch of computer keyboard. 5+5=10

14. *(a)* Describe the principle of optical mouse and infrared mouse.

4+4=8

(b) What are 'pit' and 'land' of CD surface? 1+1=2

15. Write the structure and uses of Windows Registry. 10

16. Explain the ways of removing the computer viruses. 10

17. Write the salient steps for installation of Windows OS. 10

18. Explain defragmentation and removal of temporary files. 10

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