4632

BOARD DIPLOMA EXAMINATION, (C–14)
MARCH/APRIL—2018
DECE—FIFTH 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 functions of accelerated graphics port.

2. Write PS/2 connector details for mouse.

3. List the specifications of network card.

4. List the specifications of monitor.

5. List the features of tablet.

6. List the features of touch screen for modern gadgets.

7. State the purpose of INI and INF files.

8. List any three anti-virus software available in market.

9. List the features of Linux operating system.

10. State the purpose of fdisk command.

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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. Explain the following :

(a) Serial port

(b) Parallel port

(c) USB port

12. Explain the working of hard disk and data access.

13. Explain the working principle of infrared keyboard and infrared mouse.

14. Explain the working of inkjet printer.

15. *(a)* Explain OCR (optical character recognition).

(b) Write differences between desktop and laptop.

16. Explain the need for bios settings. Describe the booting procedure. 4+6

17. Explain disk manager and disk partitioning.

18. Explain installation of Windows OS.

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