

## 4632

BOARD DIPLOMA EXAMINATION, (C-14)

MARCH/APRIL-2019

DECE - FIFTH SEMESTER EXAMINATION

COMPUTER HARDWARE

Time: 3 Hours]

[Max. Marks: 80

## PART - A

3x10=30M

- Instructions:** 1) Answer **all** questions. Each question carries **three** marks.
- 2) Answers should be brief and straight to the point and shall not exceed five simple sentences.

- 1) List different chipsets in use.
- 2) Give 3 reasons for popularity of USB ports.
- 3) List any 3 specifications of monitor.
- 4) What are the functions of Network card?
- \* 5) Write short notes on OCR (optical character recognition).
- 6) List out the features of a laptop.
- 7) Write usage of FAT and NTFS.
- 8) List any six types of viruses.
- 9) List the operating systems used in computer.
- 10) List different Intel microprocessors for PC applications.

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## PART-B

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5x10=50M

**Instructions:** 1) Answer any **five** questions.  
2) Each question carries **ten** marks.  
3) The answer should be comprehensive and the criterion for valuation is the Content but not the length of the answer.

11) Explain different power supply connectors used for motherboard and external devices in a PC.

12) Explain the storage of data on DVD.

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

14) Explain the working of LASER printer.

15) Explain the JPEG and MPEG formats.

16) Explain the structure and uses of windows registry.

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17) Explain the editing of CMOS setup and its details.

18) Explain the installation of windows OS.

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