4451

BOARD DIPLOMA EXAMINATION, (C-14)
JUNE-2019
DCME - FOURTH SEMESTER EXAMINATION

COMPUTER HARDWARE & MAINTENANCE

Time: 3 Hours   Max. Marks: 80

PART-A

10x3=30M

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

1) Define PC software and hardware.

2) Write the configuration for general purpose P-IV system.

3) List the I/O ports avaailable on Motherboard.

4) What is the importance of SMPS over liner voltage power supply?

5) Explain briefly the working of pen drive.

6) List the specification of Dot Matrix Printer.

7) List the specification of Scanner and Mouse.

8) Explain briefly about how to create a DOS Boot Disk.

9) What is Core Dump Error?

10) Explain Briefly about Logic probe.

PART-B

5X10=30M

***Instructions*:** 1)Answer any **FIVE** questions and each question caries **Ten** marks.

2)The answer should be comprehensive and the criteria for valuation is the content but not the length of the answer.

11) (a) Explain about POST. (5M)

(b) List any Ten components of the system. (5M)

12) Explain about mother form factor for Mini ATX and NLX. (5+5M)

13) Explain about hard disk interfacing standards SCSI and SATA. (5+5M)

14) Explain the Procedure of installation of Processor and HDD.

15) Explain the working principle of TFT Monitor.

16) Define Partitioning and explain about how to perform partitions of hard disk. (3+7M)

17) Explain the installation procedure of Windows XP Operating System.

18) (a) Explain the troubleshooting procedure for "Key Board error".

(b) Explain the troubleshooting procedure for "No signal on Monitor".

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