TED (10) – 4048

(REVISION — 2010)

DIPLOMA EXAMINATION IN ENGINEERING/TECHNOLOGY/ MANAGEMENT/COMMERCIAL PRACTICE — OCTOBER, 2017

COMPUTER HARDWARE & NETWORKING

[*Time* : 3 hours

(Maximum marks : 100)

Marks

PART — A

(Maximum marks : 10)

I   Answer all questions in one or two sentences. Each question carries 2 marks.

1.   State the need for AGP in motherboard.

2.   Define Centronics standard.

3.   List the functions of co-processor.

4.   Define the terms seek time and latency time.

5.   State the need of network interface card.   (5×2 = 10)

PART — B

(Maximum marks : 30)

II   Answer any *five* of the following questions. Each question carries 6 marks.

1.   Describe matrix key organization.

2.   Explain the working of single DRAM cell.

3.   Explain BIOS and POST.

4.   List the features of Linux operating system.

5.   State device driver software. Explain its installation procedure.

6.   Differentiate hub and switch.

7.   Briefly describe the need for networking.   (5×6 = 30)

[179]

[P.T.O.

Reg. No. ....

Signature ....

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