

BHAGWAN PARSHURAM INSTITUTE OF TECHNOLOGY

ASSIGNMENT (IN LIEU OF 2ND MID TERM EXAMINATION)

B.TECH PROGRAMMES (UNDER THE AEGIS OF USICT)

3rd Semester, November, 2024

Paper Code: ECC 207

Subject: DLCD

Time: 1½ Hrs.

Max. Marks: 30

Note: Attempt Q. No. 1 which is compulsory and any two more questions from remaining.

Q. No.	Question	Max. Marks	CO(s)
1	Attempt the following:		
(a)	What is virtual memory?	2	CO4
(b)	What is assembly language?	2	CO3
(c)	What is DMA?	2	CO4
(d)	What is RTL?	2	CO3
(e)	What is Cache memory?	2	CO4
2	Explain Booth's algorithm in computer architecture with suitable example.	10	CO4
3 a)	Differentiate between hardwired control and micro programmed control.	5	CO3
b)	Differentiate between RISC and CISC computers with their features.	5	CO3
4 a)	What is addressing mode ? Explain different types of addressing modes.	5	CO3
b)	Explain different modes of data transfer in computer systems.	5	CO4