(Please write your Envolment No. immediately)

Envolment No. 177

CLASS TEST B. TECH PROGRAMMES 3rd semester, December 2023

PAPER CODE: ECC-207

SUBJECT: DIGITAL LOGIC AND COMPUTER
DESIGN

TIME: 1 Hrs.

MAX. Marks: 30

Note: Attempt Question No. 1 which is compulsory and any two more questione from remaining.

Q.No.	Question	Max. Ma	rks.	<u>co(s)</u>
	Differentiale between CI.		_	(w3)
. /	RISC characteristics.			
.(6)	Explain the concept of (memory in a basic lonn	ache	(3)	(coy)
4	what is an instruction			(03)
(9)	explain micro-operations microprogramming with suitable examples.	in a few		(eo3)
Q.2 E	explain the organization with policy with policy and micro-programs.	of hard- ned roper	(10)	(60 ₃)
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- $(5) \quad (co_3)$ Q.3 (a) Design a basic logical unit of
 - (b) Explain interrupts and their types. (5) (coy)
- Q.4 (a) Explain types of instructions and their addressing modes with proper examples. (5) (ω_3)
 - (b) Discuss Internal configuration of a DMA contorller. (s) (ω_y)