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* CMR INSTITUTE OF TECHNOLOGY, BENGALURU.
ACCREDITED WITH A+ GRADE BY NAAC
CELEBRATING 25 YEARS

Internal Assessment Test 2 – Nov. 2019

Sub:	System Software						Sub Code:	18MCA34
Date:	19/11/2019	Duration:	90 min's	Max Marks:	50	**Sem** III A (Reg)	**Branch:**	**MCA**

Note : Answer FIVE FULL Questions, choosing ONE full question from each Module

		MARKS	OBE	
			CO	RBT
	PART I			
1	Explain bootstrap loader with a algorithm	[10]	CO3	L1
	OR			
2	Write and explain pass2 algorithm for linking loader.	[10]	CO3	L2
	PART II			
3	Write and explain pass1 algorithm for linking loader	[10]	CO3	L2
	OR			

4	With neat diagram explain the concept of dynamic linking	[10] CO3 L1

PART III

5 | Explain absolute loader with algorithm | [10] CO3 L1
OR
6 | Explain relocation loader with modification record | [10] CO3 L1

PART IV

7 | Explain relocation loader with bitmask | [10] CO3 L1

OR

8 | Explain Program Linking with neat diagram | [10] CO3 L1

PART V

9 | List and describe data structures used by Linking loader | [10] CO3 L1
OR
10 | Write short note on i) MS-DOS Linker and ii) SunOS Linker | [10] CO3 L1