

MC-21 System Software

Total Marks: 50

1. IR 3. LEX 5. DFA
2. LEA 4. STT 6. AD

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	ORIGIN	L3 - 100
	LTORG	
L5	MOVER	CREG, = '66'
	ORIGIN	L3 - 400
	DIV	NUM2 = '77'
	MOVER	DREG, = '88'
	LTORG	
	SUB	DREG, = '99'
NUM1	DS	13
NUM2	DS	5
	END	

- Q - 5. A. Explain different types of Editors? [02]
 B. Which are parameter passing (calling) mechanisms? Explain. [03]
 C. Show the object modules of linker & NTAB for program M and N- [05]
PROGRAM - M

		START 400
		ENTRY SUM1, SUM2
		EXTRN MAX, MIN
400)		READ SUM1
401)	LABEL1:	ADD AREG, MIN
402)		BC GT, LABEL1
		.
		.
421)		BC ANY, LABEL2
422)	LABEL2:	PRINT MAX
423)	SUM1	DS 5
428)	SUM2	DC '10'
		END

PROGRAM - N

		START 700
		ENTRY MAX
		EXTRN SUM1
700)	LABEL3:	ADD AREG, SUM1
701)		BC GT, LABEL3
		.
		.
724)		PRINT MAX
725)	MAX	DC '20'
		END

----- All the Best -----