Exam. Code : 206703 Subject Code : 4670

M.Sc. Computer Science 3rd Semester SYSTEM SOFTWARE

		SYSTEM SOFTWARE	
		Paper-MCS-302	
Tin	ne All	owed—3 Hours] [Maximum Marks—	-100
No	te :-	- Attempt any FIVE questions. All questions of equal marks.	
1.	(a)	What is System Software? Explain its var components.	ious 3+7
	(b)	Draw difference between "Translators" "Assemblers".	and
2.	(a)	Why assemblers are used? Explain the working "One-pass" assemblers in detail.	
	(b)	What is macroprocessor? How the "generation unique labels" is carried-out? Explain.	on of 3+7
3.	(a)	Define "Macro Expansion". Explain recursive mexpansion in detail.	acro 3+7
	(b)	Draw difference between "Interpreters" "Compilers".	and
4.	(a)	Explain the various phases of Compilation Production	cess.
	(b)	Explain "Incremental" and "P-code" compilers in de	etail. 5+5

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(Contd.)

5. (a)	Explain the salient features of "Loaders" in detail.
	10
(b)	Explain "Relocation" and "Program Linking" in detail
	OI SYSTEM SOUTHARD
6. (a)	Write a brief note on linkage editors.
(b)	Explain important characteristics of operating system in detail.
7. (a)	하기도 있는데 그는 것이 없는 아니라 그는 것이 없는데 그는 것이 없는 것이 없는데 그는 것이 없는데 그는 것이 없는데 없는데 없는데 없는데 없는데 없는데 없는데 없는데 없다면 없다면 없다면 없다.
(b)	Write elaborated note on "Interactive Debugging Systems".
	te short notes on any TWO:
(a)	Text-editors
(b)	Evolution of System Software
(c)	"Storage Management" for Compilers. 10×2=20
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	miligate) to essaig aroner of causes of Compiler
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