

Roll Number.....

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Odd Semester Examination-2024

Programme Name: B.Tech (CSE)

Paper Name: Systems Software

Paper Code: BTCSE 501/BTCSE 501(Lateral Entry)

Time: 2:30 Hours

Max. Marks: 60

Section A All questions are compulsory					(4x5 = 20 Marks)	
Q.No	Questions	Marks	CO	BL		
1.	What do you mean by system software? Explain language processing activities.	5	CO1	L2		
2.	Differentiate between single pass assembler and two pass assembler.	5	CO2	L2		
3.	Discuss in detail design of a macro preprocessor.	5	CO3	L3		
4.	Describe linker for MS DOS.	5	CO4	L4		

Section B Attempt any four questions					(4x10 = 40 Marks)	
Q.No	Questions	Marks	CO	BL		
1.	What is data structure? Discuss in detail search data structure.	10	CO1	L1		
2.	Define macro definition and call with suitable code.	10	CO2	L3		
3.	Differentiate between pure and impure interpreter with suitable example.	10	CO3	L2		
4.	With suitable diagram explain phases of the compiler.	10	CO4	L4		
5.	Discuss in detail self-relocating programs.	10	CO5	L5		
6.	Write short notes on editors and debug monitors.	10	CO4	L4		