*	FACULTY OF ENGIN	NEERING & TECHNOLOGY Semester Exam	
Semester: 2 Subject Code: 3031051 Subject Name: Computa Total Marks: 40			Date: (04/04/2024) Time: (1hr: 30min)
			Mark
Sr. No.	Questions		0:
structure (like Ar	emory Allocation can be d ray) is changed during the c() B. calloc() C. realloc	runtine.	which the size of a data
2. When a mem	ory pointed by a pointer is ing pointer B. real pointe	de-allocated the pointer born C. pointer array D. Nor	ecomes a dangling pointer. ne
3. The process of A. file in	of importing such files that clusion B. file avoidance	might be system-defined of C. system file D. user fi	or user-defined is known as. le
A. #inclu	ude the header file is: ude <header_file> B. #incl ne<header_file> D. #inc</header_file></header_file>	udes <anyfilename> lude<#define></anyfilename>	
5. What keyword A. enum	is used to create user def B. enumeration C. int	ined datatypes in C? D. enum int	
(B) Fill in the blank	s		05
	in C is used to dynamical	y the memory.	
3 is a	a compiler directive that all		nal information to the
* A Kei	word is used to create a s nter refers to a pointer that r freed.	tructure. t points to a memory location	on that has been
Q.2 Attempt any four (S	hort Questions)		12
(1) What is dynamic	mic memory allocation? Ex		
7 7	clusion? Explain pre – exis		defined header file.
(3) What is Enum	nerators? Explain with synt	ax and example.	
(4) What is Anon	ymous structure? Explain v	vith syntax and example.	

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	1. What is pragma? Define	
	2. #if	
	3. #else	
	4. #define	
	5. #undef	
Q.3	Attempt any two questions	08
	 (1) Explain object – like macros and chain macros with an example. (2) What is Union? Explain anonymous union with an example. (3) Explain nested structure with syntax and example. 	
Q.4	(A) Explain array of structure and array within structure with an example. (B) What is self-referential structure? Explain with an example. OR	05 05
	(B) What is typedef? Explain with syntax and example. V	

(5) Explain below term.