SIDDARTHA INSTITUTE OF SCIENCE AND TECHNOLOGY:: PUTTUR



Siddharth Nagar, Narayanavanam Road – 517583

QUESTION BANK (DESCRIPTIVE)

Subject with Code: Introduction to Programming(23CS0501) **Year &Sem:** I-B.Tech & I-Sem

Course & Branch: B.Tech-Common to All Regulation: R23

UNIT-I

		01/11 1		
1		Explain the basic organization of a computer, focusing on the roles of the	[L2,CO1]	10M
		Arithmetic Logic Unit (ALU), memory, input-output units, and the		
		program counter		
2	a)	Define algorithm. Explain the characteristics of an algorithm	[L1,CO1]	5M
	b)	Design an algorithm for finding average of three number	[L3,CO1]	5M
3	a)	Define a flow chart. List the different symbols in flowchart.	[L1,CO1]	5M
	b)	Explain the flow chart symbols with example.	[L2,CO1]	5M
4	a)	Define a pseudo code and explain with an example.	[L1,CO1]	5M
	b)	Explain how to compile and execution of a program with neat diagram.	[L2,CO1]	5M
5	a)	What is meant by data type? List the different data types with their sizes.	[L1,CO1]	5M
	b)	Define a variable. Write the variable declaration. What are the rules for	[L1,CO1]	5M
		declaring a variable?		
6		Define constant. List and explain the different constants in C language.	[L1,CO1]	10M
7		List and explain the Various operators with example.	[L2,CO1]	10M
8	a)	What is meant by type conversion? Explain the different types	[L2,CO1]	5M
		conversion techniques with example		
	b)	Differentiate Top-down and bottom-up approach.	[L4,CO1]	5M
9	a)	State the difference between Time complexity and Space Complexity.	[L4,CO1]	5M
	b)	Compose a C program for to perform all the arithmetic operations.	[L6,CO1]	5M
10	i)	Define an algorithm.	[L1,CO1]	2M
	ii)	List the different flow chart symbols.	[L1,CO1]	2M
	iii)	Define with example any four operators in C.	[L1,CO1]	2M
	iv)	What is meant by type conversion?	[L1,CO1]	2M
	v)	Describe input and output statements in C.	[L2,CO1]	2M

UNIT-II

1	a)	List the different decision statements available in C	[L1, CO2]	5 M
	b)	Discuss each decision statement with suitable example	[L2, CO2]	5 M
2		Write the syntax and illustrate the following statements with example i)	[L3, CO2]	10M
		if Statement ii) if else Statement iii) else if ladder iv) Nested if		
		statements v) Switch Case		
3	a)	Develop a C Program to find whether the given number is even or odd	[L6, CO2]	5M
	b)	Create a C Program to find greatest of three numbers using nested if else statement	[L6, CO2]	5M
4	a)	Write a C Program to reverse a given number.	[L6, CO2]	5M
	b)	Apply switch case statement to write a C program that performs	[L3, CO2]	5M
		arithmetic operations		
5	a)	Discuss the different looping statements with syntax in C	[L3, CO2]	5M
	b)	Explain the For Loop with syntax and example.	[L2, CO2]	5M
6	a)	Differentiate While and Do-while loop with example.	[L4,CO2]	5M
	b)	Construct a C Program to Perform Fibonacci series using for loop	[L6, CO2]	5 M
7	a)	Explain a nested for loop with syntax.	[L2, CO2]	5 M
	b)	Compose a c program to print following series.	[L6, CO2]	5M
		*		
		* *		
		* * *		
		* * * *		
8	a)	Describe the below looping statements with example	[L2, CO2]	5 M
		i. While Loop ii. Do-while loop iii. For loop		
	<u>b)</u>	Discuss about break and continues statements in C.	[L3, CO2]	5M
9	a)	Compose a C program to print following series	[L6, CO2]	5 M
		1		
		2 2		
		$egin{array}{c} 3\ 3\ 3\ 4\ 4\ 4\ 4 \end{array}$		
	b)	Compose a C program to print following series	[L6, CO2]	5M
	U)	****	[L0, CO2]	5141
		* * *		
		* *		
		*		
10	i)	What is meant by control statement?	[L1, CO2]	2M
	ii)	State the syntax for nested if else statement.	[L1, CO2]	2M
	iii)	Compare while and do-while statement.	[L4, CO2]	2M
	iv)	Describe the syntax of for Loop.	[L2, CO2]	2M
	v)	Summarize break and continue keyword.	[L2, CO2]	2M

UNIT-III

1	a)	Define an Array. Write the syntax for declaring and initializing array with example.	[L1, CO2]	5M
	b)	Describe the array subscript in C with example	[L2, CO2]	5M
2	a)	List the different types of arrays.	[L1, CO2]	5M
	b)	Explain the One-Dimensional array with example.	[L2, CO2]	5M
3	a)	Explain the Two-Dimensional array with example	[L2, CO2]	5M
	b)	Compose a C program for Transpose of a given matrix	[L6, CO2]	5M
4	a)	Develop a C program to display array of elements in given and reverse order.	[L3, CO2]	5 M
	b)	Compose a C program to find the sum of diagonal elements in an array	[L6, CO2]	5M
5	a)	Create a C program to perform the addition of two matrices.	[L6, CO2]	5M
	b)	Compose a C program to calculate sum of an array elements.	[L6, CO2]	5M
6	a)	Create a C program to count the vowels, consonants, special symbols and space in a given string.	[L6, CO3]	5M
	b)	Create a C program to perform the following string library function strlen(), strcpy(), strcat(), strcmp().	[L6, CO3]	5M
7	a)	List and discuss the different string handling functions.	[L2, CO3]	5M
	b)	Apply string handling functions in C program.	[L3, CO3]	5M
8	a)	Illustrate a C program to find reverse of a given string without using string handling functions.	[L2, CO3]	5M
	b)	Summarize the following i) strcat ii) strcmp iii) strrev iv) strcpy	[L3, CO3]	5M
9	a)	Differentiate Character and String with example.	[L4, CO3]	5M
	b)	Develop a C program that implement strlen(), strlwr() and strupr().	[L3, CO3]	5M
10	i)	Define 1D array.	[L1, CO3]	2M
	ii)	Recall 2D array.	[L1, CO3]	2M
	iii)	Explain how to initialize the 1D array.	[L2, CO3]	2M
_	iv)	Define String.	[L1, CO3]	2M
	v)	List the different string handling functions	[L1, CO3]	2M

UNIT-IV

1	a)	Define pointer. Write the syntax for declaring pointer with example.	[L1, CO4]	5M
	b)	Describe about pointers and arrays	[L2, CO4]	5M
2	a)	Explain the concept of array of pointers with examples	[L2,CO4]	5M
	b)	What are the features of pointers? Write a C program to print address	[L1,CO4]	5M
		of a variable		
3	a)	Explain the concept of pointer to pointers with examples	[L2,CO4]	5M
	b)	Discuss the concept of void pointers with examples.	[L2,CO4]	5 M
4	a)	List and describe about dynamic memory management functions in C	[L1,CO4]	5 M
	b)	Summarize the following with example	[L2,CO4]	5 M
		i. malloc(), ii. calloc(), iii. realloc() and iv. free()		
5	a)	How can pointer works on strings?	[L2,CO4]	5M
	b)	Examine the access to address of the pointer with example?	[L3,CO4]	5M
6	a)	Define structure and give the general syntax for structure with suitable	[L1,CO6]	5 M
		example program.		
	b)	Illustrate the procedure to declare and initialize a structure with an	[L2,CO6]	5 M
		example C program		
7	a)	Define structure within a structure? Explain with an example.	[L2,CO6]	5M
	b)	Describe about array of structures	[L2,CO6]	5 M
8	a)	Apply and explain the concept of pointers to structure in a C program	[L3,CO6]	5 M
	b)	Explain about nested structures	[L2,CO6]	5M
9	a)	Illustrate the use of type def with suitable example.	[L2,CO4]	5M
	b)	Explain about Enumerated data type.	[L2,CO4]	5 M
10	i)	What is pointer?	[L1,CO4]	2M
	ii)	Explain how to assign an address to pointer variable.	[L2,CO4]	2M
	iii)	Define void pointer.	[L1,CO4]	2M
	iv)	What is meant by structure and write the syntax for structure	[L1,CO6]	2M
		declaration.		
	v)	Differentiate structure and union.	[L4,CO6]	2M

UNIT-V

1	a)	Define function. Explain the types of functions with an example	[L2, CO5]	5 M
	b)	Develop a C program to swap two numbers using functions	[L6, CO5]	5M
2	a)	Explain the library functions available in C?	[L2, CO5]	5M
	b)	Discuss in detail how communication is established among functions	[L2, CO5]	5M
		in C language?		
3	a)	Distinguish between call by value and call by reference with an	[L4, CO5]	5M
		example programs		
	b)	How to use Array as Function argument? Explain with an example	[L1, CO5]	5M
		program.		
4	a)	Create a c program for addition of two numbers using function	[L6, CO5]	5M
	b)	Describe about scope and distinguish between local and global	[L4, CO5]	5M
		variable		
5	a)	Discuss - how to modify parameters inside functions using pointers.	[L2, CO5]	5M
	b)	Compose a C program to swap two numbers using call by reference.	[L6, CO5]	5 M
6		Define File. Explain different file operations with examples	[L2, CO6]	10M
7	a)	List the different file operations in C with their definition and syntax	[L1, CO6]	5M
	b)	Explain read () and write () operation with examples.	[L2, CO6]	5M
8		Summarize the following with examples.	[L2, CO6]	10M
		i) Read() ii) write() iii)append()		
9	_	Illustrate a C program to append the Content of file at the end of	[L2, CO6]	10M
		another file		
10	i)	What is meant by function and list the different types of function.	[L1, CO5]	2M
	ii)	What is meant by call-by-value?	[L1, CO5]	2M
	iii)	Define Call-by-reference.	[L1, CO5]	2M
	iv)	Define file.	[L1, CO6]	2M
	v)	List the different file operations in C.	[L1, CO6]	2M

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BIT BANK (OBJECTIVE)

Subject with Code :Introduction to Programming(23CS0501)	Course & Branch: Common to all
Vear & Sem· I_R)Tech & I_Sem	Regulation: R23

<u>UNIT –I</u>

1.	Which generation of computers used vacuum tubes for processing? A) First generation B) Second generation C) Third generation D) Fourth generation	[]
2.	C) Third generation The first electronic general-purpose computer is: A) ENIAC B) UNIVAC C) EDVAC D) Fourth generation The first electronic general-purpose computer is: A) ENIAC B) UNIVAC C) EDVAC D) ABC	[]
3.	The development of the C programming language was primarily done by: A) Dennis Ritchie B) Bill Gates C) Tim Berners-Lee D) Linus	[]
4.	What symbol is used to represent a process in a flowchart? A) Diamond B) Rectangle C) Oval D) Parallelogram	[]
5.	What is the purpose of pseudocode in programming? A) Execute a program B) Design a program algorithm	[]
6.	C) Debug a program D) Compile a program What is the primary advantage of using pseudocode? A) It can be directly executed by a computer.	[]
	B) It is easy to understand and independent of programming languages.C) It is suitable for complex mathematical calculations.		
7.	D) It is more efficient than traditional programming languages. What is an algorithm? A) A type of programming language B) A Program error	[]
	C) A hardware component in a computerD) A step-by-step procedure or formula for solving a problem		
8.	What is the purpose of a compiler in C programming? A) To execute the program B) To convert the source code into machin C) To debug the program D) To desument the program	[ne code]
9.	C) To debug the program What is the primary function of the main() function in a C program? A) To include libraries D) To document the program Function in a C program? B) To declare variables	[]
10	C) To execute the program D) To perform input/output operations. What is the size of the 'char' data type in C? A) 4 bytes B) 2 bytes C) 1 byte D) 8 bytes	[]
11.	In C, how do you initialize a variable at the time of declaration? A) Using the init keyword B) Using the initialize keyword	[]
12	C) By assigning a value using the '=' operator D) Initialization is not allow. Which of the following is a valid variable name in C?	wed in C [oreak]
13.	. In C, what is the keyword used to declare a constant?	[]
14.	A) constant B) readonly C) const D) immut Which function is used to print a message to the standard output in C? A) printf() B) print() C) display() D) echo()	[]

15.	What is the escape sequence for a new line in C ? A) \n B) \t C) \r D) \l	[]
16.	To print the value of an integer variable x, which format specifier should be used i function?	in the print	f()
		L	J
17		70 F	1
1/.	What is the process of converting a value from one data type to another called in (J
1.0	A) Data casting B) Type conversion C) Variable conversion D) Value transf	ormation	,
18.	Which of the following is the syntax for explicit type casting in C?	Ĺ]
	A) (type)value B) type(value) C) convert(type, value) D) value(type)	e)	
19.	What is the purpose of the (float) cast in C?	[]
	A) Converts a value to an integer B) Converts a value to a float		
	C) Converts a value to a character D) Converts a value to a double		
20.	In C, what is the effect of casting a floating-point variable to an integer?	[]
	A) Truncates the decimal part B) Rounds to the nearest integer		
	C) Converts to the ASCII value D) Converts to a string		
21.	Which casting is performed automatically by the compiler without any explicit rec	uest from	the
	programmer?	[1
	A) Implicit casting B) Explicit casting C) Forced casting D) Automatic	casting	
22	What is the result of adding an integer and a float without any explicit casting in C	_	1
<i></i> .	A) Compiler error B) Integer C) Float D) Double	√·L	J
22	In algorithm analysis, what does the term "efficiency" refer to?	Г	1
23.		L	J
	A) The size of the algorithm B) The time and space requirements of the algorithm		
2.4	C) The number of steps in the algorithm D) The simplicity of the algorithm	ritnm	-
24.	Which of the following is a property of a good algorithm design?	Į]
	A) Redundancy B) Simplicity C) Unpredictability D) Inefficience	² y	
25.	What does the term "finite" mean in the context of algorithm design?	[]
	A) The algorithm can only handle a limited range of inputs.		
	B) The algorithm terminates after a finite number of steps.		
	C) The algorithm is simple and easy to understanD)		
	D) The algorithm produces a finite output.		
26.	What is the purpose of the "Input" characteristic in algorithm design?	[1
	A) It specifies the output of the algorithm. B) It defines the problem to be solvel	D)	-
	C) It determines the efficiency of the algorithm. D) It limits the size of		
	algorithm.		
2.7	Which of the following is not a characteristic of a good algorithm?	Г]
_,.	A) Finiteness B) Redundancy C) Clarity D) Effectivene	L PSS	1
28	What is the primary purpose of a variable in C?	С ББ Г]
20.	A) To store constants B) To store data temporarily during program execut	L tion	J
	C) To perform mathematical operations D) To define functions	11011	
20	, · · ·	Г	1
29.	In C, how is a variable declared without initializing its value?	L	J
20	A) int $x = 0$; B) int x ; C) variable x ; D) initialize x ;	г	,
30.	Which of the following is a valid way to initialize a variable in C?	L	
	A) int x; B) int $x = "Hello"$; C) int $x = 5$; D) int $x = 3.14$;	_	_
31.	Which data type in C is used to store characters?	l]
	A) char B) int C) float D) double		
32.	What is the purpose of the 'void' data type in C?	[]
	A) It represents an empty variable. B) It indicates the absence of a data type.		
	C) It is used to declare functions that do not return a value. D) It is used for	or string	
	manipulation.		
33.	Which of the following is a correct way to declare a constant in C?	[]

A) constant int $x = 5$;	const $x = 5$;	
C) define x 5;	const int $x = 5$;	
34. What is the main idea behind	top-down approach in software development?	1
	gradually combine them into larger ones	-
,	nd then break it down into smaller components	
C) Start coding immediately v	<u> •</u>	
,	without considering the overall structure	
	ore suitable for iterative and incremental development	
processes?		1
A) Top-down approach	B) Bottom-up approach	-
C) Both approaches are equa		
development	, 11 11	
36. What does time complexity o	algorithm represent?	1
A) The actual time taken by t	=	-
•	ns performed by the algorithm	
C) The amount of memory sp	used by the algorithm	
D) The input size of the algo-	· · ·	
37. In a flowchart, what does an a	w connecting two shapes represent?	1
A) Data flow B) Control flo	C) Decision flow D) Process flow	_
38. What is the purpose of a term	or shape in a flowchart?	1
A) To represent a process	To indicate the start or end of a process	
C) To represent a decision po	D) To show data input/output	
39. Which flowchart symbol is us	to represent a loop or repetition?]
A) Oval B) Rec	gle C) Diamond D) Parallelogram	
40. What is the purpose of using	nectors in a flowchart?]
A) To join multiple processes	to a single process B) To represent a decision point	-
C) To connect different page	a flowchart D) To show the flow of data	

UNIT –II

1.	What will be the output of the following C code?	[]
	#include <stdio.h></stdio.h>		
	<pre>int main() { printf("Hello, World!\n");</pre>		
	return 0;		
	}		
A)	Hello B) World! C) Hello, World! D) No output		
	How do you end a C statement?	ſ	1
	A) Semicolon (;) B) Colon (:) C) Period (.) D) Comma (,)		-
3.	What is the purpose of the printf function in C?	ſ	1
	A) To read input from the user. B) To print output to the console.	_	
	C) To perform mathematical calculations. D) To declare variables.		
4.	What will be the value of result after the following code is executed?	[]
	int $x = 5$, $y = 3$;		
	int result = x + y;		
_	A) 8 B) 15 C) 3 D) Error	г	-
5.	Which of the following is a valid way to comment out a single line in C?	l]
	A) // This is a comment B) /* This is a comment */		
6	C) This is a comment D) # This is a comment How do you include the standard input/systant library in C2	Г	7
0.	How do you include the standard input/output library in C? A) #include <stdlib)h> B) #include <inputoutput.h></inputoutput.h></stdlib)h>	L	J
	C) #include <stdio.h> D) #import <stdio.h></stdio.h></stdio.h>		
7	Which operator is used for assigning a value to a variable in C?	[]
7.	A) == B) = C) := D) ->	L	J
8.	What is the purpose of the else keyword in an if-else statement?	Γ]
٠.	A) It represents an alternative condition. B) It terminates the program		J
	C) It starts a new if statement. D) It is not a valid keyword in C)		
9.	What is the correct syntax for an if statement in C?	[]
	A) if condition { /* code */ } B) if (condition) { /* code */ }		•
	C) if {condition} /* code */ D) if condition: /* code */;		
10.	How do you write a switch statement in C?	[]
	A) switch (condition) { /* code */ } B) case condition: /* code */;		
	C) if (condition) { /* code */ } else { /* code */ } D) switch {condition} /* code	e */	
11.	In C, what is the role of the break statement in a switch statement?	[]
	A) It ends the entire program. B) It skips the current iteration of the loop.		
	C) It terminates the switch statement. D) It continues to the next case without chec	king	
	conditions.		
12.	What is the purpose of the && operator in C?	[]
	A) Logical AND B) Bitwise AND C) Logical OR D) Bitwise AND	wise OR	
12	William de a de Callannina Consideration et de 9	F	7
13.	What does the following C code snippet do?	l	J
	int $x = 10$; if $(x > 5)$ {		
	printf("Hello, World!\n");		
	printi(rieno, worid: ii),		
	A) Prints "Hello, World!" because x is greater than 5.		
	B) Prints nothing because the condition is false.		
	C) Results in a compilation error.		
	D) Prints "Hello, World!" regardless of the value of x.		

```
14. What does the following C code snippet accomplish?
   int num = 15;
   if (num \% 2 == 0)
      printf("Even");
   else
      printf("Odd");
    A) Checks if num is even and prints "Even" if true.
    B) Checks if num is odd and prints "Odd" if true.
    C) Prints "Even" regardless of the value of num.
    D) Prints "Odd" regardless of the value of num.
15. What does the ?: operator represent in C?
                                                                                                   1
    A) Ternary operator
                                  B) Bitwise operator
    C) Logical operator
                                  D) Increment operator
16. What does the following C code snippet do?
                                                                                                 1
   int num = 0:
   while (num < 5) {
      printf("%d", num);
      num++;
   A) Prints numbers from 0 to 4.
   B) Prints numbers from 1 to 5.
   C) Prints numbers from 0 to 5.
   D) Results in an infinite loop.
17. Which loop construct is used for definite iteration in C?
                                                                                                   1
   A) while
                                          C) do-while
                                                                D) repeat-until
                           B) for
18. What does the following C code snippet do?
                                                                                                   1
   for (int i = 0; i < 5; i++) {
      printf("%d", i);
   A) Prints numbers from 0 to 4.
   B) Prints numbers from 1 to 5.
   C) Prints numbers from 0 to 5.
   D) Results in a compilation error.
19. How is the do-while loop different from the while loop in C?
   A) do-while is used for infinite loops, while is used for definite loops.
   B) In do-while, the loop body is executed at least once, regardless of the condition.
   C) do-while cannot be used for looping in C)
   D) There is no difference; they can be used interchangeably.
20. What is the purpose of the break statement in a loop in C?
                                                                                       ſ
                                                                                                   1
    A) Skips the current iteration and continues with the next one.
    B) Exits the loop immediately, regardless of the loop condition.
    C) Terminates the entire program.
    D) Skips the loop body and jumps to the next iteration.
21. How do you create an infinite loop in C?
                                                                                       Γ
                                                                                                  1
   A) for (;;) { /* code */ }
                                                 B) while (1) { /* code */ }
   C) do { /* code */ } while (true);
                                                 D) All of the above.
22. What does the continue statement do in a loop in C?
                           B) Skips the rest of the loop body and continues with the next iteration.
   A) Exits the loop.
    C) Jumps to the beginning of the loop.
                                                         D) Breaks out of the loop.
23. What is the output of the following C code?
```

```
int i = 0;
   while (i < 3) {
      printf("%d", i);
   A) 0 1 2
                    B) 1 2 3
                                           C) 0 1 2 3
                                                                 D) 0 1 2 3 4
24. In the for loop syntax (for (initialization; condition; update)), when is the initialization
    part executed?
                                                                                                   ]
    A) Before each iteration.
                                                   B) After the loop body.
    C) Once, before the first iteration.
                                                   D) Only if the condition is false.
25. Which loop construct is suitable when you want the loop body to execute at least once,
   regardless of the condition?
                                                                                                   1
   A) while
                                          C) do-while
                           B) for
                                                                  D) repeat-until
26. In which type of loop are the break and continue statements commonly used?
   A) while loop B) for loop
                                                         D) All of the above
                                  C) do-while loop
27. What does the continue statement do in a loop in C?
   A) Exits the loop.
                                   B) Skips the rest of the loop body and continues with the next
   iteration.
    C) Jumps to the beginning of the loop.
                                                          D) Breaks out of the loop.
28. Which statement is used to terminate the entire program in C?
                                                                                        ]
   A) terminate:
                           B) exit();
                                           C) break;
29. In a nested loop structure, if break is used in the inner loop, what does it affect?
                                                                                                   1
    A) Exits both the inner and outer loops.
                                                         B) Exits only the inner loop.
    C) Exits only the outer loop.
                                                          D) Has no effect on the loops.
30. What is the output of the following C code?
                                                                                                   1
       for (int i = 0; i < 5; i++) {
          if (i == 3)
           break;
          printf("%d", i);
    A) 0 1 2
                                                                  D) 34
                           B) 0 1 2 3
                                           C) 0 1 2 3 4
31. In a for loop, where is the continue statement typically placed?
                                                                                        ſ
                                                                                                   1
    A) Before the loop body.
                                                   B) After the loop body.
    C) Before the update statement.
                                                  D) After the initialization statement.
32. What happens if the continue statement is encountered in a do-while loop in C?
   A) Exits the loop.
                           B) Skips the rest of the loop body and continues with the next iteration.
   C) Jumps to the beginning of the loop.
                                                  D) Breaks out of the loop.
33. Which statement is used to skip the current iteration and jump to the next one in a loop?
                                                                                                    1
   A) skip;
                           B) pass;
                                          C) jump;
                                                         D) continue;
34. What is the output of the following C code?
                                                                                                  1
   int i = 0;
   while (i < 5) {
      if (i \% 2 == 0)
        printf("%d", i);
      i++:
   A) 0 2 4
                           B) 1 3 5
                                                                         D) 0 1 2 3 4 5
35. How do you create a switch statement with three cases in C?
   A) switch (value) { case 1: /* code */ case 2: /* code */ case 3: /* code */ }
   B) switch (value) { case 1: /* code */ break; case 2: /* code */ break; case 3: /* code */ break; }
```

```
C) switch (value) { case 1: /* code */ case 2: /* code */ case 3: /* code */ break; }
   D) switch (value) { case 1: /* code */ } { case 2: /* code */ } { case 3: /* code */ }
36. In C, what is the purpose of the else if statement?
                                                                                                       1
    A) It is used to check multiple conditions sequentially.
    B) It is a replacement for the if statement.
    C) It is used for nested loops.
    D) It is used for logical operations.
37. What will be the output of the following C code?
   for (int i = 1; i \le 5; i++) {
      if (i \% 2 == 0)
        continue;
      printf("%d ", i);
   A) 1 3 5
                            B) 24
                                            C) 1 2 3 4 5
                                                                   D) 14
38. Which statement is used to exit the entire program in C?
                            B) return 0;
   A) exit();
                                                   C) terminate;
                                                                           D) break;
39. What is the purpose of the default case in a switch statement in C?
                                                                                                      1
    A) It represents the initial state of the switch.
    B) It is executed when none of the other case values match.
    C) It is a placeholder for comments.
    D) It indicates an error in the switch structure.
40. Which of the following is a correct way to use the break statement in a for loop in C?
                                                                                                      1
    A) for (int i = 0; i < 10; i++) { if (i == 5) break; }
    B) for (int i = 0; i < 10; i++) break;
    C) for (int i = 0; i < 10; i++) { break; }
    D) for (int i = 0; i < 10; i++) { if (i < 5) continue; else break; }
```

<u>UNIT - III</u>

1.	What is an array in C?	[]
	A) A collection of random variables		
	B) A collection of elements of the same type stored in contiguous memory location	ons	
	C) A collection of elements of different types		
	D) A variable that can hold only one value at a time		
2.	How do you declare a one-dimensional array in C?	[]
	A) int array[10]; B) array = $\{1, 2, 3, 4, 5\}$;	-	-
	C) $array(10) = \{1, 2, 3, 4, 5\};$ D) int $array = [10];$		
3.	What is the index of the first element in an array in C?	ſ	1
	A) 0 B) 1 C) -1 D) Depends on the size of the array	-	-
4.	How do you access the third element in an array named numbers in C?	ſ]
	A) numbers(2) B) numbers[2] C) numbers.3	D)	_
	numbers.at(2)	,	
5.	Which of the following is the correct syntax to initialize an array in C?	Γ	1
	A) int numbers[] = $\{1, 2, 3, 4, 5\}$; B) int numbers[5] = $\{1, 2, 3, 4, 5\}$;	L	,
	C) int numbers $\{\} = \{1, 2, 3, 4, 5\};$ D) numbers $[1, 2, 3, 4, 5];$		
6.	What will be the output of the following code?	Г	1
٠.	int values[] = $\{1, 2, 3, 4, 5\}$;	L	J
	printf("%d", values[3]);		
	A) 3 B) 4 C) 5 D) 2		
7	How do you find the length of an array in C?	Г	1
٠.	A) Using the length property of the array	L	J
	B) By subtracting the first index from the last index		
	C) Using the sizeof operator divided by the size of each element		
	D) By using the lengthof function		
8.	What is the purpose of the "heap" in the memory model of C?	Г	1
Ο.	A) It stores global variables. B) It manages function call inform	t ation	J
	C) It is used for dynamic memory allocation. D) It stores local variables.		
9	What is the purpose of the "stack" in the C memory model?	Γ]
٥.	A) It stores dynamically allocated memory. B) It manages function call informat	ion	J
	C) It stores global variables. D) It is used for file I/O operations.	1011.	
10	Which memory allocation is done during compile-time in C?	Γ	1
ΞΟ.	A) Static memory allocation B) Dynamic memory allocation	L	J
	C) Automatic memory allocation D) Manual memory allocation		
11	Where are function parameters and local variables typically stored in C?	Γ	1
	A) Heap B) Stack C) Data segment D) Register	L	J
12	Where is the code segment stored in the C memory model?	Γ	1
	A) Heap B) Stack C) Data segment D) Text segment	L	J
13	Which memory allocation is done during runtime in C?	Г	1
	A) Static memory allocation B) Dynamic memory allocation	L	J
	C) Automatic memory allocation D) Manual memory allocation		
14	What is the purpose of the "data segment" in the C memory model?	Г	1
17.	A) It stores constants and literal strings. B) It manages the execution	of the	J
	program.	or the	
	C) It stores function call information. D) It holds the program instru	uctions	
15	What does the following C code snippet do?	[1
IJ.	int numbers $[5] = \{1, 2, 3, 4, 5\};$	L	J
	int numbers[3] = $\{1, 2, 3, 4, 3\}$, int sum = 0;		
	for (int $i = 0$; $i < 5$; $i++$) {		
	$101 \left(1111 - 0, 1 > 0, 1 + 1 \right) \left(\frac{1}{2} \right)$		

```
sum += numbers[i];
   printf("Sum: %d", sum);
   A) Prints the sum of numbers from 1 to 5
   B) Prints the sum of elements in the numbers array
   C) Initializes the sum variable with the value 15
   D) Multiplies each element in the numbers array by 2
16. What does the following C code snippet do?
                                                                                       Γ
                                                                                                 1
   int nums[] = \{3, 1, 4, 1, 5\};
   int n = sizeof(nums) / sizeof(nums[0]);
   printf("Number of elements: %d", n);
   A) Prints the sum of the elements in the nums array
   B) Prints the average of the elements in the nums array
   C) Prints the number of elements in the nums array
   D) Initializes the n variable with the value 5
17. What is the output of the following C code snippet?
                                                                                       ſ
                                                                                                  ]
   char str[] = "Hello";
   printf("%c", str[3]);
   A) H
                   B) e
                                  C) 1
                                                 D) 1
18. How do you declare a 2D array in C with 3 rows and 4 columns?
                                                                                                 1
   A) int array[3][4];
                          B) int array(3, 4);
                                                 C) int array[][] = \{3, 4\};
                                                                                        D) int
   array[4][3];
19. What is the index of the element in the second row and third column of a 2D array in C?
   A) (1, 2)
                  B) [2][3]
                                  (2,3)
                                                         D) [3][2]
20. How do you access the element at the intersection of the first row and second column in a 2D
   array named matrix in C?
   A) matrix(1, 2)
                                  B) matrix[1, 2]
                                                                 C) matrix[1][2]
                                                                                               D)
   matrix.1.2
21. What is the correct way to initialize a 2D array in C with the values 1, 2, 3 in the first row and
   4, 5, 6 in the second row?
    A) int array[2][] = \{\{1, 2, 3\}, \{4, 5, 6\}\};
                                                         B) int array[2][3] = \{1, 2, 3, 4, 5, 6\};
    C) int array[][3] = \{\{1, 2, 3\}, \{4, 5, 6\}\};
                                                         D) int array[2][3] = \{\{1, 2, 3\}, \{4, 5, 6\}\};
22. What is the size of a 2D array declared as int numbers[3][5] in C?
                  B) 12 bytes
                                C) 15 bytes
                                                 D) 20 bytes
   A) 8 bytes
23. How do you iterate through all the elements of a 2D array in C using nested loops?
    A) for (int i = 0; i < rows; i++) { for (int j = 0; j < columns; j++) { // code }}
    B) for (int i = 0; i < rows; i++) { // code } for (int j = 0; j < columns; j++) { // code }
    C) for (int i = 0; i < rows, j < columns; i++, j++) { // code }
    D) for (int i = 0; i < rows; j < columns; i++) { // code }
24. What is the output of the following C code snippet?
                                                                                           1
   int matrix[2][2] = \{\{1, 2\}, \{3, 4\}\};
   printf("%d", matrix[1][0]);
   A) 2
                                                 D) 4
                   B) 3
                                  C) 1
25. Which of the following statements is true regarding 2D arrays in C?
                                                                                       Γ
                                                                                                  1
    A) The number of columns must be specified during declaration.
    B) 2D arrays can only have a maximum of two rows.
    C) The size of a 2D array is the product of its rows and columns.
    D) The elements of a 2D array must be of the same data type.
26. In C, how are strings typically represented?
                                                                                       ſ
                                                                                                  1
    A) As an array of characters B) Using the string data type
```

	C) As a linked list D) With the str keyword		
27.	Which of the following is the correct way to declare a string in C?	[]
	A) string myString = "Hello"; B) char myString[] = "Hello";		
	C) char myString = "Hello"; D) str myString = "Hello";		
28.	What is the purpose of the null character ('\0') in C strings?	[]
	A) Marks the end of the string B) Represents an empty character	_	-
	C) Separates characters in the string D) Converts the string to uppercase		
29.	How do you concatenate two strings in C?	ſ	1
	A) Using the + operator B) Using the concat function	-	-
	C) Using the streat function D) By assigning one string to another	er	
30.	Which function is used to compare two strings in C?	Γ	1
	ė -	nparestr	_
31.	What is the output of the following C code snippet?	[1
	char str1[] = "Hello";	L	
	char str2[] = "World";		
	printf("%s", str1 + str2);		
	A) HelloWorld B) WorldHello C) Compile error D) Hello+World		
32.	Which library should be included for string manipulation functions in C?	Г	1
~ - ·	A) stdliB)h B) string.h C) math.h D) stdio.h	L	1
33.	What is the purpose of the strlen function in C?	[1
	A) Returns the length of a string B) Compares two strings	L	
	C) Concatenates two strings D) Converts a string to uppercase		
34	Which function is used to copy one string to another in C?	Г	1
J	A) strcopy B) copystr C) strcpy D) stringcopy	L	J
35.	What does the gets function do in C?	Γ	1
55.	A) Gets the length of a string B) Gets a string from the user	L	J
	C) Gets the substring of a string D) Gets the first character of a string	г	
36	What is the purpose of the stremp function in C?	, [1
50.	A) Compares two strings B) Concatenates two strings	L	J
	C) Copies one string to another D) Returns the length of a string		
37	What does the strchr function in C do?	Г	1
57.	A) Searches for a character in a string B) Compares two stri	L nos	J
	C) Returns the length of a string D) Concatenates two	-	
38	Which function is used to find the first occurrence of a substring in a string in C?	Γ	7
50.	A) findstr B) strstr C) substring D) strsub	L	J
39	Which function is used to convert a string to an integer in C?	Г	7
55.	A) strint B) atoi C) str2int D) string2int	l	J
40	What is the output of the following C code snippet?	Г	1
40.	char str[] = "Programming";	L	J
	int len = strlen(str);		
	printf("%d", len);		
	A) 12 B) 11 C) 13 D) 10		
	13/12 $D/11$ $C/13$ $D/10$		

$\underline{UNIT-IV}$

1.	What is a pointer in C?			[]
	A) A special type of variable	B) A	reserved keyword	_	_
	C) A constant value	D) A	A data structure		
2.	What does the address of operator '&'	do in C?		Γ	1
	A) Declares a variable		eves the value stored at	a memory	address
	C) Assigns a value to a variable			J	
3.	How do you declare a pointer variable			Г	1
	A) Declares a pointer variable		eves the memory addre	ss of a varia	able
	· · · · · · · · · · · · · · · · · · ·		e value stored at a mer		
4.	What is the reference operator '*' used	*		Γ	1
			ne memory address of	a variable	J
	C) Assigns a value to a pointer	*	•		SS
5.	Which is the purpose of dynamic mem	*		Γ	1
٥.	A) To automatically allocate memory f	-	B) To manually	allocate and	ŀ
	deallocate memory during program exe		D) To manaung	uno cuto uno	*
	C) To optimize the use of memory by t		D) To prevent m	nemory leak	·S
6	How do you allocate memory for a sing	_	, <u>-</u>	-	
٥.	The way our amount memory for a sing	Sie variable asi		1	С.
	A) malloc(sizeof(variable type));	B) alloca	nte(sizeof variable typ	ne). 1	
	C) alloc(variable type);	/	ory alloc(variable type	/ /	
7.	What does the free function do in C?	D) mem	ory_unoo(variable_typ	τ), Γ	1
٠.	A) Allocates memory	F	3) Releases memory	L	1
	C) Frees up CPU resources		D) Declares a pointer		
8	What is a null pointer in C?	L	b) Beclares a pointer	Г	1
0.	A) A pointer with a value of zero		B) A pointer with a va	alue of one	J
	C) A pointer with a value of one		D) A pointer with a no		ie
9	How do you check if a pointer is a null	Loointer in C?	b) ii pointer with a n	Γ	
٥.			ull) D)if(ptr===0)	L	1
10.	What is the purpose of the size of opera	,	, ,) [1
	A) Determines the size of a variable			L	J
	C) Returns the address of a variable		cates memory for a var	iable	
11.	What does the address of operator '&'		oute interior y for w two	[1
	A) Retrieves the value stores at a mem		B) Declares a pointer va	ariable	J
	C) Returns the address of a variable	-	(a) Allocates memory for		,
12.	What is the syntax for the dereference		,) 1 1110 0 0 0 0 111 0 111 0 1 1 1 1	Γ]
	A) * B) &	C) ->	D) %	L	J
13.	In C, what is the purpose of the derefer	- /	,	ointer ? []
	A) Declares a pointer variable		eves the memory addre		_
	· •	,	value stored at a mem		
	, ,	,		J	
14.	What is the result of the expression *pt	tr if ptr is a poi	nter variable pointing t	o an integer	?
	r in r	. r r .		1	
	A) The memory address of the integer		L	,	
	B) The value stored at the memory add	lress pointed to	by ptr		
	C) The square of the value stored at the	-			
	D) The double of the value stored at the	-			
15.	What is the purpose of the address-of o	-		in C? 「	1
	A) Retrieves the memory address of			. г	,
	<u> </u>				

B) Declares a pointer vC) Assigns a value to a				
· · · · · · · · · · · · · · · · · · ·	stores at a memory address			
16. What is the type of the expr			[]
17. In C, what is the effect of the	<u> </u>		Г	1
	riable B) It returns the me		L 1 ₀	J
C) It returns the address of	*	D) It returns the doub		hla
18. What is the result of the exp			r variat	7
	Idress of the pointer variable	et variable?	L	J
•	d at the memory address poin	ted to by ptr		
C) It returns the memory ac	· · · · · · · · · · · · · · · · · · ·	icu to by pii		
· · · · · · · · · · · · · · · · · · ·	he value stored at the memory	y address pointed to by r	atr	
19. C, what is the type of the e	-		γιι Γ	1
A) Integer B) Float	C) Pointer to float	D) Pointer to integer	L .	J
20. What is the result of the ex	· · · · · · · · · · · · · · · · · · ·		Г	1
	Idress of the pointer variable	ci variabic!	L	J
,	d at the memory address poin	ted to by ntr		
C) It returns the memory ac		ica to by pii		
· · · · · · · · · · · · · · · · · · ·	he value stored at the memory	y address nointed to by r	ntr	
21. What is a pointer in C?	ne value stored at the memory	y address pointed to by p	Г	1
A) A reserved keyword	B) A data ty	ne.	L	J
,	le that stores the memory add	-		
D) A function	te that stores the memory add	iess of another variable		
22. How is a pointer variable d	eclared in C?		Г	1
	ointer int; C) int ptr;	D) *int ptr;	L	J
23. What does address arithme		D) IIIt pti,	Γ	1
A) Performing calculations on the value stored at memory addresses				
· · · · · · · · · · · · · · · · · · ·	address stored in pointer vari	-		
C) Working with the size of	<u> </u>	autes		
· · · · · · · · · · · · · · · · · · ·	operations on memory address	les		
24. Which keyword is used to o	÷ •		Г	1
A) define B) st		f D) class	L	J
25. What is a union in C?	tuet C) typedel	D) Class	Г	1
A) A collection of function	B) A data type that	stores variables of diffe	L rent data tvi	nes
in the same memory location	, , , , , , , , , , , , , , , , , , , ,	stores variables of affic	rom aata ty	PUS
_	a condition is met D) A	type of conditional stat	tement	
26. How is memory allocated f		• -	[1
A) Continues memory alloc		tiguous memory allocati	ion	
	tion D) Random			
27. What will be the size of the			ſ	1
A) 5 B) 1	_	D) 44	L	,
28. What is the result of 16>>2	· · · · · · · · · · · · · · · · · · ·	,	ſ	1
A) 4 B) 8	C) 2	D) 5	L	•
29. The conditional operators a	re sometimes called operators	?	ſ	1
	ernay C) Unary	D) None	_	-
30is used to convert one			[]
A) Type Conversion B)	**	Videning D) Na	ırrowing	-
31statements involves a		,	[]
A) Decision B) Control	C) Both a & b	D) Loop control		

			BIT BANK	2023
			e logical condition is true []
A) if	B) while	C) do-while	D) switch	
33statem	ent allows the program	imers to terminate the	e loop.]
A) break	B) continue	C) goto	D) switch	
34statem	ents passes control any	where in the progran	n []
A) break	B) continue	C) goto	D) switch	
35statem	ent is a multi_way brai	nch statement.]
A) break	B) continue	C) goto	D) switch	
36. statement contains inner switch as a part of outer switch.				
A) switch	B) nested sw	itch C) Both a,	b D) None	_
37. The default s	statement executed who	en	·	1
A) all the ca	ise statements are false	B) case is	true	_
C) one case	is false	D) None o	f the above	
38. Each case sta	atement in switch() is s	eparated by]	1
A) break	B) continue	C) exit	D) goto	-
,	ed as a block of statem	/]	1
A) Loop	B) control	C) Function	n D) All	-
40. In while loop, statements are executed till the condition is				
	B) True		D) None	_

UNIT – V

	<u></u>	/1 1 1 1		
1.	What is a function in C?]
	, , , , , , , , , , , , , , , , , , ,) A block of code that performs a specific	task	
_	D) An operator		_	_
2.	In C, which keyword is used to define a		Ĺ]
	A) define B) function	C) def D) void		
3.	What is the purpose of the "main" funct]
	A) To define other functions B) To pri		e variabl	es
	D) To specify the starting point of the p	program		
4.	In C, what is a function prototype used:	for?]
	A) To declare a variable B)	To declare the return type of a function		
	C) To define a function D)	To specify the order of function execution	n	
5.	How is a function called in C?		[]
	A) Using the run keyword B)	Using the call keyword		
	C) By writing the function name follow	ed by parentheses		
	D) By using the execute keyword			
6.	What is a parameter in a C function?		ſ	1
	A) The return value of the function	B) A variable used inside a function	_	
	C) The name of the function	D) The input to a function		
7.	In C, how is a function's return value sp	pecified?	[1
	A) Using the return keyword followed		_	-
	B) By writing the value after the function	•		
	, ,	By enclosing the value in square bracket	S	
8.	What is the default return type of a func	•	Γ	1
	A) int B) void	C) char D) floa	at	_
9.		tatement in the "main" function of a C pro		
	,	r	[1
	A) To terminate the program successfu	lly B) To indicate an error C) To print	the value	0 :
	D) To restart the program	ing 2) to marouse an orien e) to print	V110 / W1070	
10	What is the significance of the static key	vword in a C function?	ſ	1
10.	A) specific the function's return type	B) It limits the function's scope to the	ıe current	t file
	C) It makes the function execute faster	D) It allows the function to be called		
	files	b) it allows the function to be carre-	<i>a</i> 110111 01	1101
11	What is the purpose of a function declar	ration in C?	Γ	1
	A) define the function	B) to declare the return type of the fo	ınction	,
	C) to specify the function's implementa			
	c) to specify the function's implementa	b) to maleute the order of ea	recution	
12	What is the syntax for a function declara-	ation in C?	Г	1
12,		ame(); C) function name(int); D) func	L tion nam	ie.
13	In C, can a function be declared without	_ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	[1
13.	A) yes	B) no	L	1
	C) only if function have parameters	D) only if function is defined later in	the code	a
	c) only if function have parameters	b) only if function is defined fater in	i tiic couc	,
1/	What is the purpose of a function defini	tion in C?	Γ	1
17.	± ±	B) to specify the function's return type	L	J
		ection works D) to indicate the order of ex	vacution	
15	In C, can a function be defined without		[7
13.			L	J
	A) yes C) only if the function has parameters	B) no D) Only if the function is declared by	tor in ac-	do
1.6	C) only if the function has parameters	D) Only if the function is declared la	nei III CO(ue 1
10.	What does the term "function prototype	reiei to iii C!	L]

	A) the first line of a function definition B) the return type of a function C) a declaration of the function that includes its signature		
	D) the last line of a function definition		
17.	What is the purpose of a parameter list in a function declaration or definition?	[]
	A) to specify the return type of the function B) to provide a name for the funct	ion	-
	C) to list the values the function will return D) to declare variables that the func		use
18.	In C, what is the function signature?	Γ	1
	A) The return type of the function B) The name of the function	L	•
	C) The combination of the function name and its parameter list		
	D) The list line of the function definition		
19	What is the keyword used in C to indicate that a function does not return any value	e? [1
1).	A) null B) empty C) void	D) none	,
20	In C, where is the declaration typically placed?		, 1
20.	A) At the end of the program B) In a separate file	L	J
	C) Before the main function or nay function that calls it D) Anywhere in the p	rogram	
21	How is a function called in C?	rogram F]
<i>L</i> 1.	A) Using the run keyword B) By writing the function name followed by paren	L thecec	J
	C) By using the call keyword D) By using the execute keyword D) By using the execute keyword	uicses	
22	What does the term "function signature" refer to in C?	Ē	1
22.	A) The return type of the function B) The name of the function	L	J
	· · · · · · · · · · · · · · · · · · ·		
	C) The combination of the function name and its parameter list D) The last line of the function definition		
22	·	F	1
23.	In C, what is an argument in the context of a function call? A) The return value of the function B) The name of the function	[J
		unation	
24	, 1 1	F	1
<i>2</i> 4.	How are arguments passed to a function in C? A) By reference B) By value C) By name D) By nainter	L	J
25	A) By reference B) By value C) By name D) By pointer In C, what does the "return" statement do in a function?	F	1
23.	A) Terminates the function prematurely B) Sends a message to the user	L	J
	,		
26	C) Returns a value to the calling function D) Skips the next line of code	Г	1
20.	What is the purpose of a return in a function declaration? A) To declare the type of argument the function accounts	[J
	A) To declare the type of argument the function accepts B) To gnorify the order of execution		
	B) To specify the order of execution (C) To indicate whether the function is a call or definition		
	C) To indicate whether the function is a call or definition D) To dealers the type of value the function returns		
	D) To declare the type of value the function returns		
27	In C. can a function have multiple return statements?	F	1
21.	In C, can a function have multiple return statements? A) Yes B) No	[J
	C) Only if the function has multiple parameters D) Only if the function is dec	olarad ac	void
20		raieu as	voiu 1
20.	What is the purpose of the "void" keyword in a function declaration? A) To indicate that the function returns no value	L	J
	B) To specify that the function accepts no arguments (C) To dealers a variable inside the function		
	C) To declare a variable inside the function		
20	D) To terminate the function How ore multiple arguments concreted in a function call in C2	Г	7
<i>2</i> 9.	How are multiple arguments separated in a function call in C? A) Using common P) Using semicolons C) Using selens P) Using semicolons C) Using selens P) Using semicolons P) P) Using Semicolons P) P) Using Semicolons P) P) Using Semicolons P)	L	_]
20	, , , , , , , , , , , , , , , , , , , ,	ing space	
<i>5</i> 0.	What is the result if a function is called without providing the correct number of a	nguments r	5 ! 1
	A) The program terminates B) The function automatically assigns defau	lt values	J
	A) The program terminates C) It depends on the compiler D) It results in a compilation error	iii vaiues	
	b) it depends on the compiler		

31. How are parameters passed to fur	nctions in	C by default?	[1
A) By reference B)	By value	C) By name	D) By pointer	_
32. What is the purpose of using poin	iters in fur	nction parameters in C?	[]
A) To declare the parameter type		B) To pass the parameter	by reference	
C) To limit the scope of the paran	neter	D) To specify the	function definition	l
33. In C, what does the dereference o	perator(*)	do when applied to a point	er parameter in a	
function?			[]
A) Declares a new variable				
B) Retrieves the value stored at the	ne memor	y address pointed to by the p	oointer	
C) Increases the memory address	• .			
D) Changes the data type of the p			1. 6 .: 0	
34. How does using pointers as paran	neters affe	ect the original variables pas	sed to a function?	7
A) T1 1 1	1	1 D) TI : : 1		1
A) The original variables remain				
C) The original variables are auto				ımea
35. What does the syntax for declarin a. function name(int *ptr);	ig a pointe	B) int function name		J
C) int function name(ptr*);		D) int function name	\ 1 //	
36. In C, how is a value assigned to the	he memor		\ 1 //	tion?
50. III C, now is a value assigned to the	iic iiiciiioi	y location pointed to by a po]
A) Using the assignment operato	r(=)	B) Using the ampersa	and operator(&)	J
C) Using the asterisk operator(*)		D) Using the plus op		
37. What is the significance of the an		, , ,	· /	ction
S	1	. , 1	ſ]
A) It declares a new variable	B) It	retrieves the memory address	ss of the variable	-
C) It increments the variable	D) It	decreases the variable		
38. In C, what is the advantage of pas	ssing para	meters by reference using po	ointers? []
		simplifies the function defin		
C) It allows the function to modif	y the orig	inal variables D) It improve	s the speed of the	
program				
39. What happens if a NULL pointer			[]
A) To the program crashes	B) It 1	results in a compilation error	r	
		depends on the compiler	. 0	
40. In C, can a function have both reg	gular (by v	value) parameters and pointe	er parameters?	7
A) Vac		D) No	l]
A) Yes C) Only if the function is declared	d og void	B) No D) Only if the function he	a a raturn time of o	hor
C) Only if the function is declare	as void	D) Omy if the function ha	s a return type of c	1141