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Q15: The loop will execute at least once even the condition is false:										
(A	While	B Do-while	© I	For	(D) Al	l of these				
Q16: A counter can be defines as:										
(A	The final value	of a loop	(B)	The starting val	ue of a loo	p				
(0	A variable that	counts loop iteratio	on 🕞	<u>~</u>						
017	rC11111111111									
		expression is execu	W		,					
	Test condition (B	Increment		nitialization	Decre	ment				
018- 1	What is the final va	lue of I after execu	ting the	code · for (inti =	1 · i < 5 · i	+ = 2)·				
		-			1.1 \ O					
<u>(A</u>) 7 <u>B</u>	5	(C)	5	U	9				
019.	structure is use	ed when programm	er does	s not know in adv	ance the n	umber of				
25.50	epetition of loop?	ea when programm	ici doci	TIOC KITOVV III aave	ance the m	diffict of				
	do-while (B)	for	(c)	while	D	Both A & C				
	uo vviiiie			VVIIIC		Doul II a a				
Q20: V	Which for loop will	l counts from 0 to 5	?							
	For int $c = 0' <$			For int $c = 0$ $< =$	= 5 ; c++)					
_ (0	For int $c = 0' <$	5;c++)	D	For int $c = 0$	= 7 ; c++)					
			3	283						
Q21: The for loop contains three expressions, initialization, condition and:										
<u>(A</u>	Character (B	Float	© Ir	crement/decrem	ent 💿	All of these				
		200								
Q22: V	Which of the follow	ving is called count	er conti	olled loop?						
<u>A</u>	do-while	B while	© fo	or	D	All loops				
Q23: \	Which of the follow	ving is called count								
<u>(A</u>	nested if-else	B if-else	© fo	or loop	(D) while	e loop				
024:	A loop within a loo	n is called:								
	- -	pa	kcity.)rd Infinito	(D) Eon					
) Complex	B Nested	(c)	Infinite	(D) For					
Q25: ′	The keyword ' brea	ak ' cannot be used	within:							
A) For loop	While loop	© I	f-else statement	Do-v	vhile loop				
Q26: _	can be used t	o terminate the loo	p:							
<u>A</u>	Terminate	Break	©	Stop	o exit					
Q27: In a group of nested loops, which loop is executed the most number of times?										
	The outermost l			All loops at the s						
	The innermost le	:	_	Cannot be deter						
Q28: _	loop structu	re always executes	at least	once:						
<u>A</u>	Nested	B FOR	©	While	Do v	vhile				
029: 1	In which loop the c	ondition come afte	r the bo	dy of the loop?						

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A	For ()	B	Do - while ()	©	While ()	D	Nested for ()			
Q30: Which of the following loop in available in C?										
A	While-wend	В	Sequence	©	For-next	D	Do-while			
Q31: Semicolon is placed at the end of condition in:										
A	Switch	В	While loop	©	For loop	D	Do-while loop			
Q32: The Do - while loop structure always ends with:										
A	Comma	В	Colon	©	Semi colon	D	Brace			
Q33: iterates at least once if condition is false:										
A	While loop	В	For loop	©	Do - while loop	D	All of these			
Short Questions										
Q1: What is a Control structure?										
Ans: A control structure is a statement used to control flow of execution in a program or function. Control structure is used to combine individual instructions in to a single logical unit. This unit has one entry point and one exit point. Program logic is implemented with the help of control structures. Three kinds of control structures are used to control flow.										

the neip of control structures. Three kinds of control structures are used to control flow of execution of instructions. These are as follow?

- Sequence structure
- Selection structure
- Repetition structure

Q2: What is meant by sequence structure?

Ans: In sequence structure the instructions of program executes one after the other in the order in which are written. It is also called the default flow of a program. The program starts execution from the first instruction and all instructions are executed one by one in a sequence.

Q3: What is meant by selection structure?

Ans: In the selection structure, the instructions of the program are divided into two or more groups. Selected group of instructions are executed. This selection is done after evaluation of a certain condition.

Q4: What is meant by repetition structure?

Ans: Repetition structure is also called iteration structure or loop structure. It is used to execute a statement or set of statement repeatedly as long as the given condition remains true. This control structure is used to repeat same or similar work. There are three basic loop structures in C language. These are as follow:

- While loop
- Do-while loop
- For loop

Q5: What is IF statement?

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Ans: "if" is a keyword in C language. "if" statement is the simplest form of selection structure. It is used to execute or skip a statement or a set of statements after testing a condition. The condition should be a logical or relational expression.

After evaluation if the result of condition is true the statement or set of statements after "if" statement executes. If the result of the condition is false the statement or the set of statements after "if" statement are skipped.

The general syntax of if statement is

if(condition)
Statement;4

Q6: What is compound statement?

Ans: A set of statements enclosed in curly brackets is called compound statement. It is also called block of code.

Q7: What is if-else statement?

Ans: "if" statement is used to make a decision whether a particular task will be performed or not. If we want to make a two way decision if-else statement is used. After evaluation of condition one from two code blocks will be executed and the other will be skipped. We cannot execute or skip both code blocks.

The general syntax of if-else

statement is if(condition)

Statement;

else

Statement;

Q8: What is if-else-if statement?

Ans: if-else-if statement is used to execute one compound statement from two or more statements. If there are more than two compound statement and we want to choose one from them if-else-if statement is used.

The general syntax of if-else-if statement is

if(condition 1)

Statement 1;

else if(condition 2)

Statement 2;

else if(condition n)

Statement n;.

else Default

statement;

Q9: What is conditional operator?

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Ans: The conditional operator is used as an attribute of simple if-else statement. It is used to make two way decision.

The general syntax of conditional operator is

(Condition)? Statement 1: Statement 2;



Condition should be a logical or relation expression. After evaluation if the result of condition is true then statement 1 is executed. If result of condition is false then statement 2 is executed.

Q10: What is switch statement?

Ans: Switch statement is an alternative of if-else-if statement. It is also a conditional statement. It is used when we want to execute a block on statements from multiple blocks.

The general syntax of switch statement is

```
Switch (expression) {
break;
} case constant-expression: statement (s);
case constant-expression: statement (s);
break; default: statement(s);
```

1: What is a nested if statement?

Ans: The use of an "if" statement is used with in another "if" statement is called nested if statement.

The general syntax of nested if statement is

```
If (Condition 1)
If (Condition 2)
Statement;
```

Q12: What is break statement?

Ans: Break is a keyword. It is the last statement in each case. It is used to transfer flow of control outside a code block. When break statement executes in switch statement the flow of control is transferred to the first instruction after switch block.