1.	In a stack, the insertions and d	eletions are made at end.			
	One	Two	Three	None of the above	
2.	The Stacks follows the	_ rule.			
	LIFO	FIFO	Both	None of the above	
3.	In a queue, the deletions take	place at end.			
	Rear	Тор	Front	None of the above	
4.	The queues follow the	rule.			
	LIFO	FIFO	Both	None of the above	
5.	In a binary search tree, the elements in the right sub-tree are always than the root node.				
	Smaller	Greater	Both of the above	None of the above	
6.	The RAM model of computation stands for				
	Random Access	Random Access	Realtime Access	None of the above	
	Memory	Machine	Machine		
7.	An algorithm				
	Is machine	Can be written in any	Must be written before	All of the above	
	independent	language	a program		
8.	One simple operation of mathematics like addition/subtraction/multiplication takes step(s).				
	One	Two	Three	Four	
9.	The RAM model of computation consists of				
	A read-only input tape	A write-only input tape	A fixed program	All of the above	
10	0. Which of these is a primitive operation?				
	Calling a method	Comparing two numbers	Indexing into an array	All of the above	
11	. Which of these is written at the time of designing?				
	Algorithm	Program	Test cases	None of the above	
An	algorithm				

12.						
Can be written in	Not dependent upon	Not dependent upon	All of above			
English sentences	hardware of computer	operating system				
13. An algorithm mus	3. An algorithm must have the characteristics as					
Effectiveness	Definiteness	Finiteness	All of the above			
14. What are criteria t	4. What are criteria for algorithm analysis?					
Time	Space	Both of the above	None of the above			
15. In analysis of algorithm, the constants are represented as						
O (0)	O (1)	O (Constant)	None of the above			
English sentences hardware of computer operating system  13. An algorithm must have the characteristics as  Effectiveness Definiteness Finiteness All of the above  14. What are criteria for algorithm analysis?  Time Space Both of the above None of the above  15. In analysis of algorithm, the constants are represented as						
O(n3)	O(n2)	O(n)	None of the above			
17. Which of these notations is upper bound of a function?						
Theta notation	Big Oh notation	Big Omega notation	None of the above			
18. What kind of problem can occur in recursive programs?						
Stack overflow	Stack underflow	Queue underflow	Queue overflow			
19. In which situation, the stack overflow occurs?						
		Either of the above	None of the above			
20. Recursion helps in	1					
_	•	Compacting the code	All of the above			
21. Recursion is a method in which the solution of a problem depends on						
	_					
22. For we can't give the average bound.						
Decreasing function	s Increasing functions	Factorial functions	None of the above			
23. According to Master's theorem for decreasing function $T(n) = T(n-1) + n$ , what will be time complexity?						



