CS301P

(Weekly Lab Quiz of Lab 1,2,3) 15 Marks

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Q.1: which type of linked list has two Null pointers?

Ans: Doubly linked list

Q.2: Nodes in the linked list are accessed in ---------- order

Ans: Random

Q.3: which of the following linked list method moves the pointer forward ?

Ans: Next ()

Q.4: which of Nodes class returns the value of node in a Linked list?

Ans: Get()

Q.5: in C++ a single stack can be used for different types by using ----------

Ans: Templates

Q.6: The stack will be considered full, if the current variable is equal to ---------

Ans: Size -1

Q.7: consider a list (2,6,8,7,1) represented as a linked list. In this list "current" is a

Ans: List element (Table question)

Q.8: What is the output of the following program?

```
Int main ()
{
Int array [5]={10,20,30,40,50};
Count << array [3]
Return 0;
```

Ans: Syntex Error

Q.9: How many times a for loop will be executed if we use the find () method of list data structure to find the value 10 from the given list?

Ans: 5 (table question)

Q.10: All the operation in stack take ---------- time.

Ans: Zero

Q.11: Which of the following statement declares an array 'x' with 6 integers?

Ans: int x[6];

Q.12: in data structure, List is the collection of elements in ----------

Ans: Linear Order

Q.13: Each operator in a postfix expression refers to the previous--------- operand(s)

Ans: 0(not confirm) 2 not confirm

Q.14: which of the following is used in function calls?

Ans: Tree

Q.15: in a doubly linked list. We can traverse the list in ----------

Ans: Both direction

Q.16: The postfix expression for the infix expression 1-3-4 is :

Ans: 134--

Q.17: Which of the following is used to navigate from one node to another node in the linked list?

Ans: Next part of node

Q.19: when an operator is found in stack while evaluating a postfix expression, which of the following operation is performed on previous two operands ?

Ans: Push

Q.20: The result of the postfix expression 634*+ is ----------

Ans: 20

Q.21: in Linked List, add () method will add the new node after-----

Ans: Current Node

Q.22: what will be value of second element of array 'x' after the execution of the given code?

Int main)

{ int x [3];

For (int j=0; < 3; j++)

X [j] = 2* j;

Ans: 0

Q.22: In stack, which node will be considered as the Top of stack?

Ans: Last Node

Q.23: which of the following is an infix expression?

Ans: 826+*

Q.24: Removing an element from the end of stack using a linked list takes------- time than removing an element from the start.

Ans: More