SORTING QUESTION

1. Input: 3 60 35 2 45 320 5

Output:

Array Before Bubble Sort

3 60 35 2 45 320 5

Array After Bubble Sort

2 3 5 35 45 60 320

SEARCHING QUESTION

1. Input: arr[] = {12, 13, 1, 10, 34, 1}

Output: The smallest element is 1 and

COMPUTER NETWORKING

**1)** Which of the following is a form of DoS attack ?  
a) Vulnerability attack  
b) Bandwidth flooding  
c) Connection flooding  
d) All of the mentioned

DBMS

1. The \_\_\_\_\_\_\_\_ clause is used to list the attributes desired in the result of a query.  
   a) Where  
   b) Select  
   c) From  
   d) Distinct

TREES

1. If the tree is not a complete binary tree then what changes can be made for easy access of children of a node in the array ?  
   a) every node stores data saying which of its children exist in the array  
   b) no need of any changes continue with 2w and 2w+1, if node is at i  
   c) keep a seperate table telling children of a node  
   d) use another array parallel to the array with tree

GRAPHS

1)The time complexity to calculate the number of edges in a graph whose information in stored in form of an adjacency matrix is \_\_\_\_\_\_\_\_\_\_\_\_  
a) O(V)  
b) O(E2)  
c) O(E)  
d) O(V2)

OOP

1. **class** Test {
2. **int** a;
3. **public** **int** b;
4. **private** **int** c;
5. }
6. **class** AcessTest {
7. **public** **static** **void** main(String args[])
8. {
9. Test ob = **new** Test();
10. ob.a = 10;
11. ob.b = 20;
12. ob.c = 30;
13. System.out.println(" Output :a, b, and c" + ob.a + " " + ob.b + " " + ob.c);
14. }
15. }

a)CompilationError  
b)RuntimeError  
c)Output: a, b and c 10 20 30  
d) None of the mentioned