Sunbeam

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Summary
Summary of your recent exam

Result: Pass
Marks: 27/30
Percentage: 90.00 %

Questions: 10
Correct Answers: 9
Attempted: 10

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1. _____ algorithm follows divide and conquer strategy.

Answers

1. Merge sort

2. Insertion sort

3. Bubble sort

4. All of the above

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2. In_____ sort largest element gets bouble out and then 2nd largest element gets bouble out to get ascending ordered sorted list of elements.

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3. Which of the following do we consider when choosing a sorting algorithm to use,
I. Constant Space
II. Run time Space
III. Time Span
IV. Implementation language

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4. Which is not true about selection sort?

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5. ---------- can be visualised when people in a queue wanting to be standing in a height wise sorted manner swap their positions among themselves until everyone is standing based on increasing order of heights.

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6. What is worst and average case time complexity of Binary Search?

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7. Sort the following list in ascending order by using bubble sort.
12 17 33 13 24 10
what will be the sequence after 2nd pass?

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8. Consider the array arr[15] = {1,2,3,4,5,6,7,8,9,10,11,12,13,14,15}. Suppose we are searching the key 1 from arr using binary search. After how many comparisons will the key be found ?

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9. Which of the following technique is used in quick sort algorithm ?

10. Which of the following is correct :