

Polling Quiz MCQs

1. Which of the following sorting algorithm is an efficient for smaller input size array?

- A. Selection Sort
- B. Bubble Sort
- C. Insertion Sort
- D. Merge Sort

Answer: C

2. In which of following sorting algorithm elements which are at two consecutive positions gets compared?

- A. Selection Sort
- B. Bubble Sort
- C. Insertion Sort
- D. Quick Sort

Answer: B

3. What is the worst case time complexity of insertion sort?

- A. $\Omega(n^2)$
- B. $O(n^2)$
- C. $O(n)$
- D. $\theta(n^2)$

Answer: B

4. In which of the following sorting algorithms magnitudes of time complexities is same in all the cases ?

- A. Selection Sort
- B. Bubble Sort
- C. Insertion Sort
- D. Merge Sort
- E. Both A & D

Answer: E

5. In Selection Sort algorithm, what will the array status after 3 iterations for given input: 30 20 60 50 10 40.

- A. 10 20 30 40 50 60
- B. 10 30 20 40 50 60
- C. 10 20 30 60 50 40
- D. 10 20 30 50 60 40

Answer: C