1.

What is the space complexity in case of linear search?

A. O(n)
B. O(1)
C. O(n log n)
D. O(log n)

Answer: B

2.

O(n) means computing time is

A. Constant
B. Quadratic
C. Linear
D. Cubic

Answer: C

3.

Which of the following is not an implementation of binary search?

A. To find the lower/upper bound in an ordered sequence
B. Union of intervals
C. Debugging
D. To search in an unordered list

Answer: D

4.

The latency of a linear search algorithm to find the desired element in the array is not depends on.

A. the amount of time
B. the amount of space
C. No. of elements
D. Sorted order of the elements

Answer: D

5.

Binary search is not known as

A. Half Interval Search
B. Logarithmic Search
C. Simple Search
D. Binary Chop

Answer: C