**Question 1**

Binary search algorithm uses

Linear way to search element

Divide and conquer method

Bubble sort technique

All of them

**Question 2**

Which of the following is the disadvantage of the linear search

Require more space

Not easy to understand

Greater time complexity compared to other searching algorithms

All of the mentioned

**Question 3**

Two main measures for the efficiency of an algorithm

Processor and memory

Complexity and capacity

Time and space

Data and space

**Question 4**

Which of the following technique is used for finding a value in an array?

Bubble sort

Binary search algorithm

Linear search algorithm

All of them

**Explanation:**These all technique used for the purpose of finding value in the array.

**Question 5**

Which of the following is not a limitation of the binary search?

Must use a sorted array

requirement of sorted array is expensive when a lot of insertion and deletion are needed

there must be a mechanism to access middle element directly

binary search algorithm is not efficient when the data element more than 1500

**Explanation:**binary search can be applied on the large array.