**WRITE NOTES ON**

**1. Explain Divide and Conquer algorithm taking reference to Merge Sort .**

**2. Write some paragraphs about External Sorting with some examples.**

**3. Explain Partition strategies of Merge Sort and Quick Sort**

**4. Why is merge sort preferred over quick sort for sorting linked lists**

**5. Write down your analysis on Complexities of each algorithms we've discussed in the class.**

**1. Bubble Sort**

**2. Insertion Sort**

**3. Selection Sort**

**4. Merge Sort**

**5. Quick Sort**

**6. Binary Tree Sort**

**MISSING GAP**

**1. Write something about binary tree sort and analyse the algorithm. WAP a program and submit repo link**

**2. There will be some special treat to the one who finds some problem in the code and sends an immediate fix to the code.**