Activity 8:

Insertion sort algorithm is the best algorithm when the array element is identical because in best cases the comparisons are N-1 compares and 0 exchanges where as selection sort takes N^2/2 comparisons and N exchanges.

Activity 9:

Selection sort algorithm is the best algorithm when the array elements are in reverse order in worst case because it takes N exchanges and N^2/2 compares whereas, the insertion sort takes N^2/2 comparisons and N^2 exchanges.