Q6-> Compare the time complexity of all sorting algorithm with explanation.

Ans :-

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Complexity Table** | | | | |
| Selection sort | Insertion sort | Bubble sort | Marge sort | Quick sort |
| О(n2) | О(n2) | О(n2) | O(n **log(**n)) | . O(n log(n)) |