**1. Which sorting algorithm is known for its stable sorting behaviour?**  
◯ Quick Sort  
◯ Bubble Sort  
◯ Merge Sort  
◯ Selection Sort

**2. Which search algorithm can be used on both sorted and unsorted lists?**  
◯ Linear Search  
◯ Binary Search  
◯ Quick Search  
◯ Hashing

**3. Which sorting algorithm works by repeatedly selecting the maximum element and putting it at the end?**  
◯ Bubble Sort  
◯ Quick Sort  
◯ Merge Sort  
◯ Selection Sort

**4. In which scenario does Linear Search outperform Binary Search?**  
◯ Small Lists  
◯ Random Lists  
◯ Unsorted Lists  
◯ Sorted Lists

**5. Which sorting algorithm is particularly well-suited for linked lists?**  
◯ Quick Sort  
◯ Merge Sort  
◯ Insertion Sort  
◯ Selection Sort

**6. Which search algorithm divides the search space into three parts with each comparison?**  
◯ Linear Search  
◯ Binary Search  
◯ Ternary Search  
◯ Quick Search

**7. Which sorting algorithm's performance is not affected by the initial order of the elements in the list?**  
◯ Quick Sort  
◯ Bubble Sort  
◯ Merge Sort  
◯ Selection Sort

**8. In which storage context is Quick Sort less efficient due to its recursive nature?**  
◯ In-memory Storage  
◯ External Storage  
◯ Cache Storage  
◯ Sequential Storage

**9. Which search algorithm is more suitable for large lists and when the element is likely to be found towards the middle?**  
◯ Linear Search  
◯ Binary Search  
◯ Hashing  
◯ Depth-First search Here are the organized questions 10 to 15 in a clean format, continuing from the previous ones:

**10. Which sorting algorithm is suitable for lists that are almost sorted to begin with?**  
☐ Quick Sort  
☐ Bubble Sort  
☐ Merge Sort  
☐ Insertion Sort

**11. What is a key characteristic of Linear Search?**  
☐ Comparison-based  
☐ Requires Hashing  
☐ Constant Time  
☐ Recursive Approach

**12. Which sorting algorithm is known for its average-case time complexity of O(n log n)?**  
☐ Merge Sort  
☐ Quick Sort  
☐ Bubble Sort  
☐ Insertion Sort

**13. In which type of list is Bubble Sort generally inefficient?**  
☐ Shortlists  
☐ Semi-sorted Lists  
☐ Random Lists  
☐ Long Lists

**14. Which search algorithm works well with data structures like balanced trees and hash tables?**  
☐ Linear Search  
☐ Binary Search  
☐ Depth-First Search  
☐ Breadth-First Search

**15. Which sorting algorithm repeatedly divides the unsorted list into smaller sublists until each sublist contains a single element?**  
☐ Quick Sort  
☐ Bubble Sort  
☐ Merge Sort  
☐ Insertion Sort