



## **SoulShift - Educational Q&A Platform**

### **General Questions**

Practice Questions



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**Q1. What is the best-case time complexity of Merge Sort?**

- A.  $O(n)$
- B.  $O(n \log n)$
- C.  $O(\log n)$
- D.  $O(n^2)$

*Solution: The best-case time complexity of Merge Sort is  $O(n \log n)$ , as it always divides the array regardless of the order.*



