

Ans1) Hanoi Problem can be solved by

- 1) Recursive Approach
- 2) Iterative approach
- 3) Dynamic Programming
- 4) Bitwise operation

Ans2) Best approach to solve Hanoi Problem

→ generally Recursive approach is considered the best approach

Time complexity is $O(2^n)$ where n is number of disks. Recursive approach is easy to understand.

Ans3) Applications:

- 1) Puzzle Solving
- 2) Teaching Recursion
- 3) Algorithm Analysis
- 4) Brain Teasers