

Exp 8

Q1. List all methods which could be used to solve tower of Hanoi problem

→ It is classical problem that involves moving a stack of disks from one rod to another with constraint that only one disk can be moved at a time

- Recursion
- Iterative
- Binary Representation
- Gray code
- Mathematical Analysis

Q2. What is best approach & why?

→ The recursion approach is favoured for solving the Tower Hanoi problem because its naturally aligns with problem's recursive nature

It elegantly breaks down the problem in smaller problems which simplifies the solution process.

Q3. Application of Tower of Hanoi?

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1. Algorithm design & analysis
 2. Optimization & problem
 3. Data Storage & Retrieval
 4. Mathematical Concepts
 5. Educational puzzle & Games

