

PROBLEM SOLVING

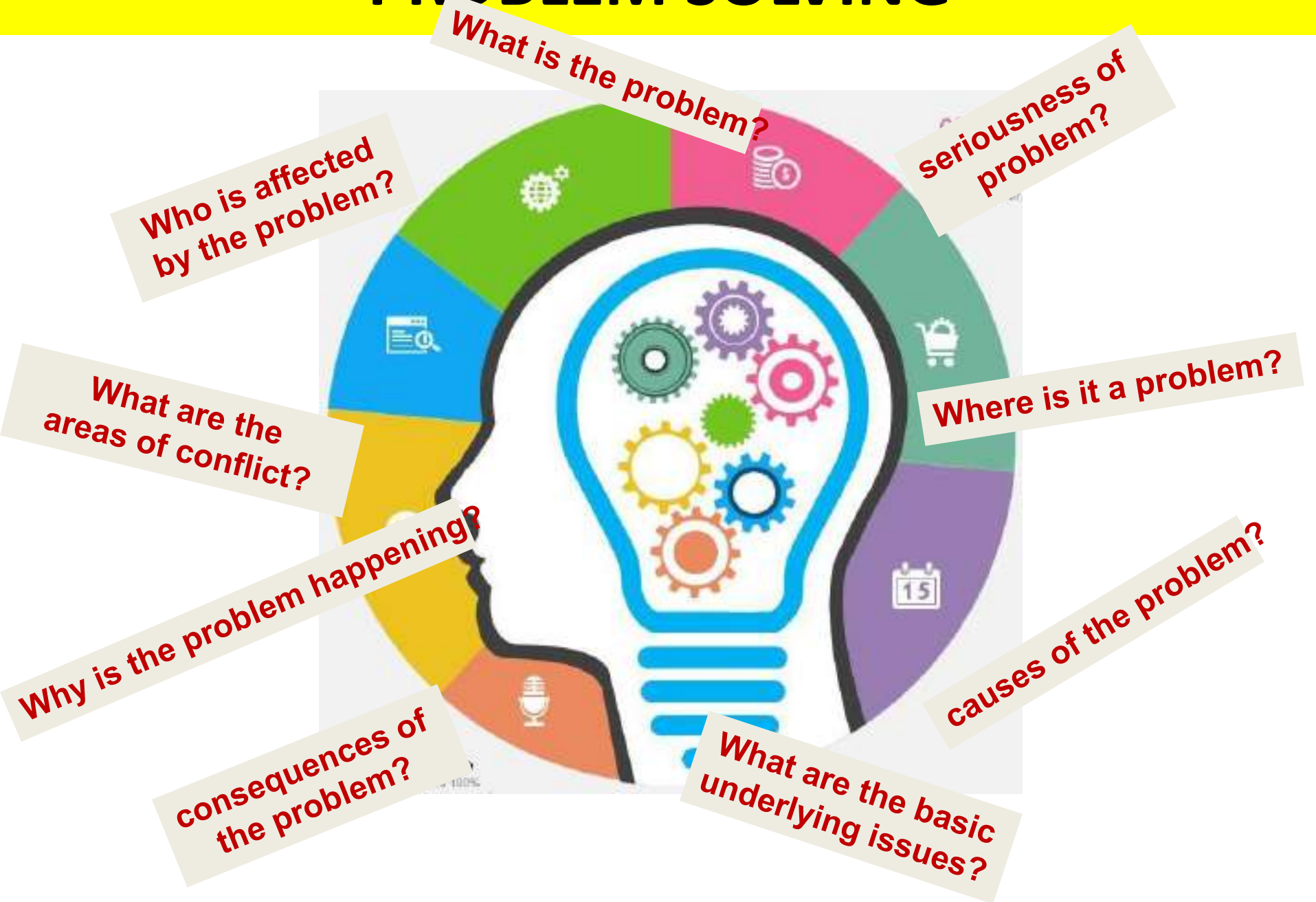
What is Problem Solving?

A present unsatisfactory state that needs to be changed to a desired state as soon as possible

OR

It is a process whereby a dilemma is identified and corrected

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Steps for Problem Solving:-

- **Identify the problem**
- **Gather data to analyze the causes & effect**
- **Evaluate and explore the alternatives**
- **Select the appropriate solution**
- **Implement the solution**
- **Evaluate the results**

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LEVEL 1. Break Down Problems

- Break down complex issues into smaller parts for easier analysis
- Collect and analyses related information from a variety of sources
- Is able to effectively sift through information
- Identifies the link between situations and given information

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LEVEL 2. Identifies Basic Relationships

- Identifies the cause-and-effect relationship between two aspects of a situation
- Develops an action plan based on casual relations and pros & cons
- weighs pros & cons of different options

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LEVEL 3. Identifies Multiple Relationships

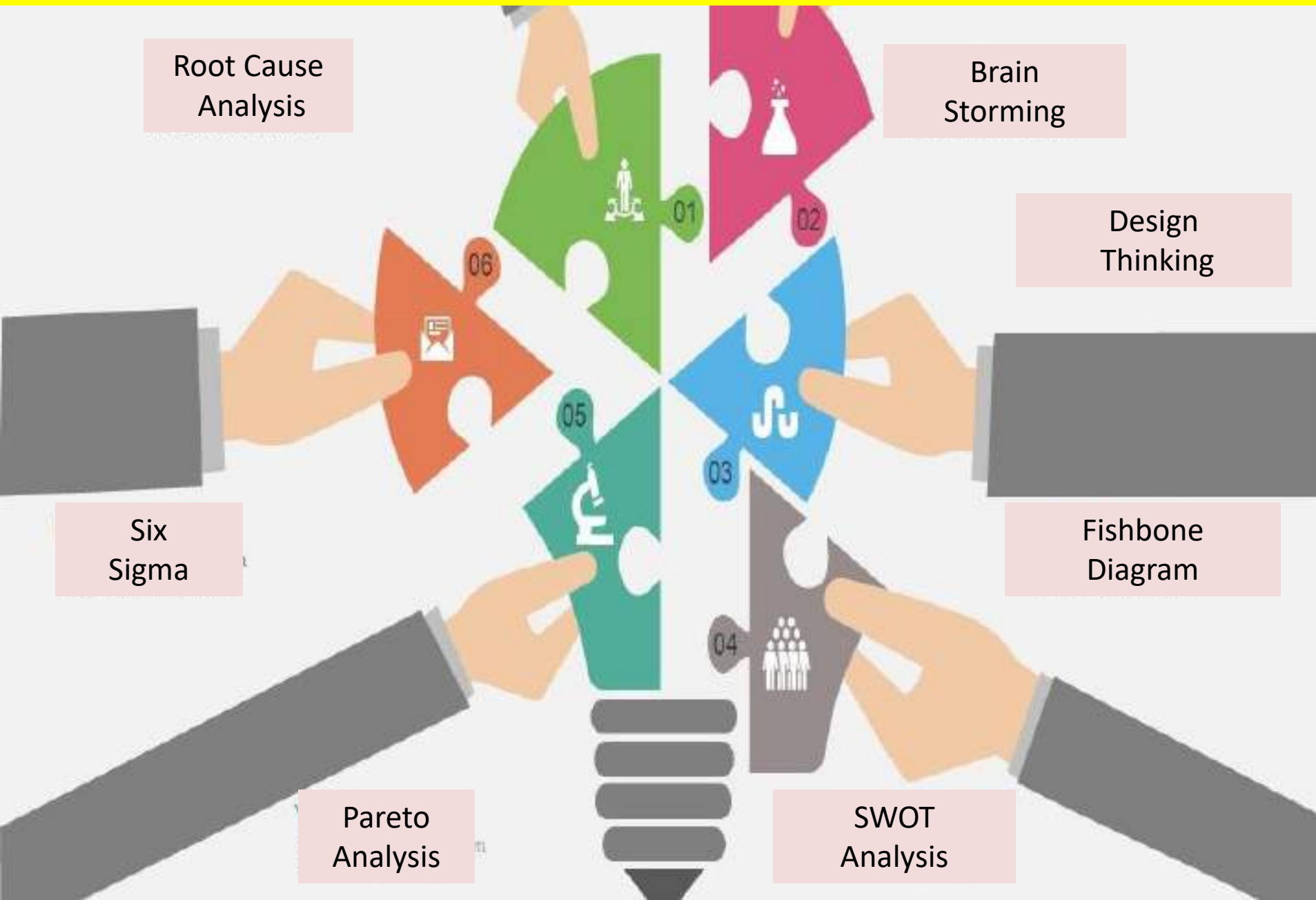
- Able to diagnose multiple cause and effect relationships in a problem(ability to see several potential causes of an event or several events)
- Develops potential solutions and identifies risks involved

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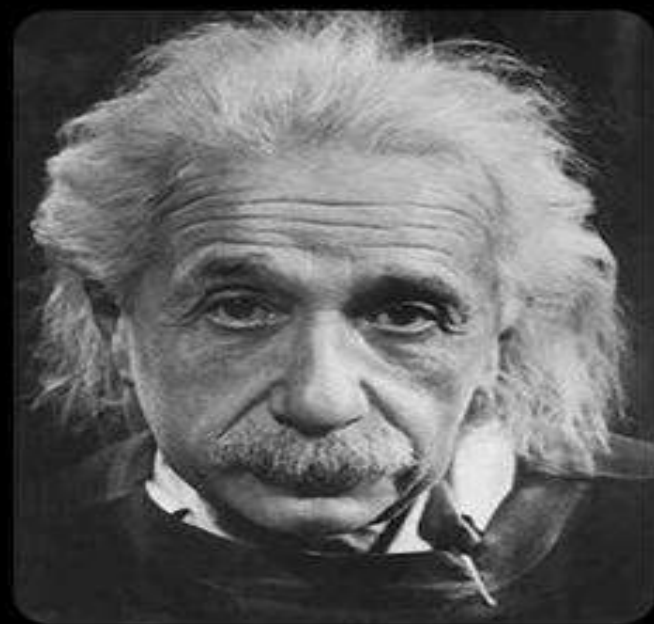
LEVEL 4. Develops Solutions to Complex Problems

- Ability to see the holistic picture
- Identifies inter-dependencies between various components
- Communicates complex problems in a simpler manner
- Develops a solution that attempts to address the complexities at different levels
- Generates options to address the problem in its entirety
- Creates solutions that address not only immediate issues (quick fixes) but also take steps for medium to long-term impact of the solutions

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*“No problem can be solved
from the same level of
consciousness that created
it.”*



- Albert Einstein