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Topic	Problem Solving Skills	Last updated on	28 February 2024

# Multiple choice questions on Problem solving skills:

## Choose the correct option for each question.

- 1. What is the first step in the problem-solving process?
  - a. Identify the problem
  - b. Implement the solution
  - c. Evaluate the results
  - d. Choose a random approach

## Ans: a. Identify the problem

- 2. Which of the following is a characteristic of an effective problem solver?
  - a. Avoiding challenges
  - b. Relying solely on intuition
  - c. Seeking feedback and adapting
  - d. Ignoring alternative solutions

# Ans: c. Seeking feedback and adapting

- 3. What does brainstorming involve in the context of problem solving?
  - a. Narrowing down ideas
  - b. Generating a variety of ideas
  - c. Selecting the best solution immediately
  - d. Ignoring creative input

### Ans: b. Generating a variety of ideas

- 4. What is a common obstacle to effective problem-solving?
  - a. Flexibility
  - b. Creativity
  - c. Lack of information
  - d. Open-mindedness

Ans: c. Lack of information

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- 5. In the problem-solving process, what does "implementing the solution" mean?
  - a. Generating ideas
  - b. Putting the plan into action
  - c. Identifying the problem
  - d. Analysing potential obstacles

### Ans: b. Putting the plan into action

- 6. Problem solving skills help us to \_\_\_\_\_.
  - a. understand the environment
  - b. Sticking to a predetermined solution
  - c. refuse to adapt
  - d. ignoring evidence and facts

#### Ans: a. understand the environment

- 7. Why is it important to evaluate the results after implementing a solution?
  - a. To prove the solution is perfect
  - b. To identify areas for improvement
  - c. To ignore feedback
  - d. To rush to the next problem

#### Ans: b. To identify areas for improvement

- 8. What is the purpose of considering multiple solutions during problem solving?
  - a. To complicate the decision-making process
  - b. To limit creativity
  - c. To increase the likelihood of finding an effective solution
  - d. To discourage collaboration

Ans: c. To increase the likelihood of finding an effective solution

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PONNUSAMY NAGAR, SALEM ROAD(NH-44), NAMAKKAL - 637003. TAMILNADU.
Mobile: 9942099122, 9942099109, Web: www.selvamtech.edu.in

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- 9. What does the acronym SMART stand for in the context of goal setting for problem solving?
  - a. Simple, Meticulous, Achievable, Random, Timely
  - b. Specific, Measurable, Achievable, Relevant, Time-bound
  - c. Subjective, Multifaceted, Ambiguous, Random, Temporary
  - d. Standard, Mandatory, Appropriate, Required, Timely

Ans: b. Specific, Measurable, Achievable, Relevant, Time-bound

- 10. Which of the following is NOT a problem-solving technique?
  - a. Brainstorming
  - b. Procrastinating
  - c. Root cause analysis
  - d. SWOT analysis

**Ans: b. Procrastinating** 

- 11. How does persistence contribute to successful problem solving?
  - a. It leads to stubbornness and resistance to change
  - b. It discourages collaboration with others
  - c. It helps overcome obstacles and challenges
  - d. It is irrelevant to the problem-solving process

Ans: c. It helps overcome obstacles and challenges

- 12. In the acronym IDEAL what does "E" stands for?
  - a. Expand
  - b. Except
  - c. Explore
  - d. Effective

Ans: c. Explore

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- 13. Which activity is least helpful in developing problem-solving skills?
  - a. Engaging in collaborative group discussions.
  - b. Avoiding challenges and difficult tasks.
  - c. Analyzing and identifying patterns in data.
  - d. Experimenting with different solutions to a problem.

Ans: b. Avoiding challenges and difficult tasks.

- 14. Which of the following is a characteristic of a well-defined problem?
  - a. Ambiguity
  - b. Lack of clarity
  - c. Clear goals
  - d. Constantly changing criteria

Ans: c. Clear goals

- 15. In the acronym SWOT, what does "W" stand for?
  - a. Weakness
  - b. Weekend
  - c. Weather
  - d. Waste

Ans: a. Weakness

- 16. The IDEAL model is an acronym that stands for \_\_\_\_\_\_
  - a. Imagine, Describe, Engage, Alter and Look
  - b. Identify, Define, Explore, Act, and Look back
  - c. Ignore, Demonstrate, Explore, Avoid, and Live
  - d. None of the above

Ans: b. Identify, Define, Explore, Act, and Look back

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- 17. What role does creativity play in problem-solving?
  - a. It is unnecessary in the problem-solving process
  - b. It helps in generating innovative solutions
  - c. It hinders logical thinking
  - d. It only applies to artistic endeavours

Ans: b. It helps in generating innovative solutions

- 18. Which of the following is NOT a common barrier to effective problem solving?
  - a. Lack of information
  - b. Fixed mindset
  - c. Creative thinking
  - d. Emotional blocks

Ans: c. Creative thinking

- 19. Which cognitive skill is essential for effective problem solving?
  - a. Memorization
  - b. Critical thinking
  - c. Passive listening
  - d. Following instructions blindly

Ans: b. Critical thinking

- 20. Which of the following is a key attribute of a good problem solver?
  - a. Avoiding challenges
  - b. Rigid thinking
  - c. Patience and persistence
  - d. Preferring their own point of view

Ans: c. Patience and persistence

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- 21. Which of the following is an important communication skill in problem-solving?
  - a. Ignoring feedback
  - b. Listening actively
  - c. Avoiding collaboration
  - d. Refusing to consider alternative solutions

Ans: b. Listening actively

- 22. What is the purpose of defining the criteria for an effective solution in the problem-solving process?
  - a. To complicate the decision-making process
  - b. To create ambiguity
  - c. To establish a clear standard for success
  - d. To discourage collaboration

Ans: c. To establish a clear standard for success

- 23. What role does empathy play in collaborative problem solving?
  - a. It hinders effective communication
  - b. It fosters understanding and consideration of others' perspectives
  - c. It discourages teamwork
  - d. It encourages a rigid approach

Ans: b. It fosters understanding and consideration of others' perspectives

- 24. Which of the following is a common barrier to effective problem solving?
  - a. Open communication
  - b. Flexibility
  - c. Assumption and bias
  - d. Collaboration

Ans: c. Assumption and bias

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- 25. How does effective time management contribute to problem-solving skills?
  - a. It slows down the problem-solving process
  - b. It adds unnecessary complexity
  - c. It allows for thorough analysis and thoughtful decision-making
  - d. It eliminates the need for critical thinking

Ans: c. It allows for thorough analysis and thoughtful decision-making

- 26. How can setting clear priorities contribute to effective problem solving?
  - a. Limits flexibility
  - b. Adds unnecessary complexity
  - c. Discourages collaboration
  - d. It provides focus on the most important aspects and improves decision-making

Ans: d. It provides focus on the most important aspects and improves decision-making

- 27. How can effective communication skills enhance problem solving in a team?
  - a. By creating misunderstandings
  - b. By hindering collaboration
  - c. By facilitating the exchange of ideas and perspectives
  - d. By ignoring team members' input

Ans: c. By facilitating the exchange of ideas and perspectives

- 28. How can setting realistic goals contribute to effective problem solving?
  - a. Adds unnecessary complexity
  - b. Discourages motivation
  - c. Provides a clear direction and achievable milestones
  - d. Hinders the evaluation process

Ans: c. Provides a clear direction and achievable milestones

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- 29. Why is it important to evaluate and learn from unsuccessful solutions in problem solving?
  - a. To improve future problem-solving strategies by understanding what went wrong
  - b. To ignore mistakes and repeat them
  - c. To discourage reflection
  - d. To speed up the decision-making process
- Ans: a. To improve future problem-solving strategies by understanding what went wrong
- 30. How can technology be utilized to enhance the problem-solving process?
  - a. By hindering communication
  - b. By adding unnecessary complexity
  - c. By providing data analysis tools and collaboration platforms
  - d. By discouraging creativity
- Ans: c. By providing data analysis tools and collaboration platforms
- 31. How does a well-defined problem statement contribute to the problem-solving process?
  - a. It adds unnecessary complexity
  - b. It hinders creativity
  - c. It provides clarity and guides the search for solutions
  - d. It discourages critical thinking
- Ans: c. It provides clarity and guides the search for solutions
- 32. Why is adaptability important when facing complex and dynamic problems?
  - a. It limits creativity
  - b. It allows for adjustments and flexibility in strategies
  - c. It discourages collaboration
  - d. It speeds up the decision-making process

Ans: b. It allows for adjustments and flexibility in strategies

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- 33. What is the role of decision-making in the problem-solving process?
  - a. To avoid making choices
  - b. To complicate the process
  - c. To select the best course of action from available options
  - d. To eliminate the need for collaboration
- Ans: c. To select the best course of action from available options
- 34. What is the role of continuous improvement in the problem-solving process?
  - a. To discourage reflection
  - b. To avoid adaptation and change
  - c. To foster a mind-set of ongoing learning and refinement
  - d. To eliminate collaboration with others
- Ans: c. To foster a mind-set of ongoing learning and refinement
- 35. When addressing someone involved in a conflict, \_\_\_\_\_.
  - a. Talk to him or her in front of other people
  - b. Try to embarrass them
  - c. Use "You" messages
  - d. Treat the person as you would want to be treated
- Ans: d. Treat the person as you would want to be treated
- 36. What is that a person wants to attain during the process of problem solving?
  - a. Goal
  - b. Compromise
  - c. Constraint
  - d. Adjustment

Ans: a. Goal

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37. It is	important to choose the right environment because it will help the listener focu	ıs &
avoid _	_ while resolving conflict.	

- a. Concentration
- b. Focus
- c. Disturbances
- d. Attention

Ans: c. Disturbances

- 38. \_\_\_\_ is aggressive behaviour and will most likely bring a negative response from the speaker.
  - a. Interrupting
  - b. Speaking
  - c. Listening
  - d. Questioning

Ans: a. Interrupting

- 39. During the problem solving process, a person should not be\_\_\_\_\_.
  - a. Active and attention
  - b. Nervous and tensed
  - c. Think creative and critically
  - d. Patience and persistence

Ans: b. Nervous and tensed