

Preliminary Assessment for Problem Solving & Creative Thinking



Introduction

Welcome!

At KutkiTech, we value curiosity over credentials, initiative over instruction, and adaptability over specialization, inquisitiveness over talkativeness. As a startup company, we believe that every team member must contribute beyond fixed roles—so we are looking for individuals who are:

- Eager to learn and explore new domains
- Comfortable with ambiguity and fast-changing priorities
- Creative thinkers who can approach problems from multiple angles
- Proactive, positive, and solution-oriented
- Effective and efficient user of AI chatbots and prompt engineering aspects

This questionnaire is designed to understand how you think, not just what you know. There are no strictly right or wrong answers—clarity of thought, originality, and reasoning is what matter the most.

Section 0: Basic Information

Full Name:

Email Address:

Phone Number:

Current Education/Degree/Level:

Feasible Time or Availability that you can commit with the organization:

Any Commitments with other organizations (Yes/No):

Own a laptop? Specifications in short:

Areas of Interest:

Section 1: Problem-Solving Ability

1. Real-World Scenario

You are given a task to improve a product feature, but the requirements are unclear and your manager is unavailable.

- ❖ What steps would you take in the first 24 hours?
- ❖ How would you ensure you're moving in the right direction?

2. Analytical Thinking

A process that normally takes 2 hours is now taking 5 hours. You don't know why.

- ❖ How would you identify the root cause?
- ❖ What tools or approach would you use?

3. Prioritization Challenge

You are assigned 3 tasks:

Task A: Urgent but low impact

Task B: High impact but not urgent

Task C: Both urgent and high impact

- ❖ How would you prioritize and why?

4. Constraint Problem

You need to deliver a project in 2 days, but it realistically takes 5 days.

- ❖ What would you do?
- ❖ What trade-offs might you consider?

Section 2: Creative Thinking

5. Creative Scenario

Imagine you are asked to market a completely ordinary product (e.g., a pen or a mug) in a unique way.

- ❖ Describe your campaign idea in 3–5 sentences.

6. Innovation Question

- ❖ What is one everyday problem you face that you would love to solve with technology? Describe your idea briefly.

7. Perspective Shift

- ❖ If you had to explain the AI based solutions to someone from the early 90's, how would you do it?

Section 3: Adaptability & Learning Mindset

8. Learning Agility

Tell us about a time you had to learn something completely new under pressure.

- ❖ How did you approach it?
- ❖ What was the outcome?

9. Failure & Resilience

Describe a situation where you failed or made a mistake.

- ❖ What did you learn from it?
- ❖ What would you do differently now?

10. Ambiguity Handling

You are assigned a task outside your skillset (e.g., design, coding, marketing, something unfamiliar).

- ❖ How would you approach it?

Section 4: Ownership & Initiative

11. Proactiveness

If you notice something inefficient in your team, but no one else is addressing it:

- ❖ What would you do?

12. Team Dynamics

You are working with a teammate who is not contributing equally.

- ❖ How would you handle the situation?

Section 5: Practical Challenge (Short Task)

13. Mini Case Task

You are asked to improve user engagement on a basic mobile app.

List 3 ideas you would try.

- ❖ How would you measure success?

14. Logical Puzzle (You might be familiar if you watch TV Series or Movies)

You have 3 switches outside a room and 1 bulb inside. You can only enter the room once.

- ❖ How do you determine which switch controls the bulb?

Section 6: Personality & Motivation

15. Why You?

- ❖ Why do you want to work in a startup environment?

16. Self-Assessment

- ❖ What are your top 3 strengths and 2 weaknesses? We would prefer a SWOT analysis done by you on your behalf so we could know the real you.

17. Energy & Attitude

- ❖ What motivates you to keep going when things get difficult?

Section 7: ERP & AI Curiosity + Problem Discovery

(No prior knowledge required — we are evaluating your thinking process, not correctness)

ERP (Enterprise Resource Planning) Thinking

18. Conceptual Understanding (Open Thinking)

Through preliminary research or through prior ideas if any, what do you think an ERP system is?

- ❖ Explain in your own words and gather intel on currently available open-source ERP solutions
- ❖ Give a real-world example of where it might be feasible

19. Business Process Mapping

Imagine a small grocery store wants to digitize its operations.

- ❖ What processes do you think need to be managed?
- ❖ How could a system help organize them?

(Hint: Think inventory, billing, suppliers, etc.)

20. Problem Identification

If a company is using spreadsheets for everything instead of a centralized system:

- ❖ What problems might arise?
- ❖ How would you convince them to switch to a better system?

21. Feature Ideation

If you were building a simple ERP system for a startup:

- ❖ List 3 features you would include
- ❖ Why did you choose them?

AI (Artificial Intelligence) Exploration and its Paradigm

22. AI Understanding (Intuition-Based)

What do you think AI actually does?

- ❖ Explain in simple terms (as if explaining to a child)

23. Applied AI Thinking

Pick any one:

Education

Healthcare

Business

Daily life

- ❖ How can AI improve it? Give 2–3 practical ideas.

24. Prompt Thinking (Important for AI Era)

You are using an AI tool like ChatGPT.

- ❖ Write a *good prompt* to:
 - Generating a business idea
 - OR solve a coding/logic problem

25. Critical Thinking on AI

AI gives you an answer that *sounds correct*, but you're not sure.

- ❖ What steps would you take to verify it?

26. Learning Ability Test

You are asked to work on an AI-related task, but you have zero experience.

- ❖ How would you get started in the first 48 hours?
- ❖ What resources or approach would you use?

Blended Thinking (ERP + AI)

27. Integration Imagination

Imagine combining ERP and AI in a company.

- ❖ What smart features could be built? (e.g., predictions, automation, insights)

28. Real Problem Scenario

A company frequently runs out of stock for popular products. Similarly, a manufacturing plant constantly faces a challenge to keep track of the residue produced after each session.

- ❖ How could a system (ERP + AI) help solve this problem?

29. Curiosity Test

If you were given access to a company's data (sales, customers, operations):

- ❖ What are 3 questions you would want to explore?

Optional Bonus (Stand Out Section)

30. Anything Else

Share anything (project, idea, random thoughts that consistently circle your mind, portfolio, thought process, or even a failure story) that you believe represents you best



Best of Luck!