

# Assessing the Future: Evaluating Emerging Technologies

## Part 1: Office Roleplay Dialogue

**Scenario:** A Chief Technology Officer (CTO), Yuki, discusses emerging technologies with Alex, the Head of Research and Development.

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**Alex:** Yuki, have you had a chance to review the latest **emerging technologies** in our industry?

**Yuki:** Yes, and there are some exciting developments. We need to determine how they align with our company's **innovation** goals.

**Alex:** Agreed. How do you approach the **technology assessment** process?

**Yuki:** We evaluate feasibility, cost, and potential benefits. A strong **research and development** team is crucial for this.

**Alex:** Definitely. Have you identified any **disruptive technologies** that could reshape our industry?

**Yuki:** AI-driven automation and quantum computing seem promising, but we need further analysis.

**Alex:** True. Should we conduct a pilot project before making large investments?

**Yuki:** That's a good idea. Testing on a small scale will help us understand practical challenges.

**Alex:** I'll coordinate with the R&D team and draft a proposal.

**Yuki:** Perfect. Let's also prepare a report for the executive board.

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## **Part 2: Comprehension Questions**

**1. What is the main topic of Yuki and Alex's discussion?**

- (A) Financial investments
- (B) Evaluating emerging technologies
- (C) Hiring new developers
- (D) Expanding office space

**2. What is one factor Yuki considers in the technology assessment process?**

- (A) Market trends
- (B) Feasibility, cost, and potential benefits
- (C) Employee salaries
- (D) Office furniture

**3. What disruptive technology does Yuki mention?**

- (A) 3D printing
- (B) Quantum computing
- (C) Traditional manufacturing
- (D) Paper-based data storage

**4. What action does Alex suggest before making a large investment?**

- (A) Conducting a pilot project
- (B) Buying the technology immediately
- (C) Ignoring the new technology
- (D) Hiring more sales staff

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## **Part 3: Key Vocabulary Definitions in Japanese**

1. **Emerging technologies (新興技術)** – 近年発展しつつある最新の技術。
  2. **Innovation (イノベーション)** – 新しいアイデアや技術を導入して、業務や製品を改善すること。
  3. **Technology assessment (技術評価)** – 新しい技術の有効性や影響を評価するプロセス。
  4. **Research and development (研究開発, R&D)** – 新しい技術や製品の開発を目的とした調査と実験。
  5. **Disruptive technologies (破壊的技術)** – 既存の市場や業界の構造を大きく変える可能性のある新技術。
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## Part 4: Questions & Correct Answers

1. **What is the main topic of Yuki and Alex's discussion?**  
☒ (B) Evaluating emerging technologies
2. **What is one factor Yuki considers in the technology assessment process?**  
☒ (B) Feasibility, cost, and potential benefits
3. **What disruptive technology does Yuki mention?**  
☒ (B) Quantum computing

**4. What action does Alex suggest before making a large investment?**

☒ (A) Conducting a pilot project