Conducting Post-Occupancy Evaluations for Landscape Projects

Part 1: Dialogue

Sophia (Landscape Architect): Now that the park has been in use for six months, we need to conduct a **user satisfaction survey** to understand how people are experiencing the space.

Liam (Colleague): That's a great idea. A **user satisfaction survey** will help us gather feedback on accessibility, comfort, and overall enjoyment.

Sophia: Exactly. We should also perform an **environmental impact assessment** to evaluate how the design affects local ecosystems.

Liam: Good point. An **environmental impact assessment** will reveal whether the plant selection and water drainage systems are functioning as intended.

Sophia: Let's also analyze **landscape performance metrics** to see if the site is meeting our design objectives.

Liam: Yes, those **landscape performance metrics** will tell us if the green spaces are thriving and if the hardscape is durable.

Sophia: We should check the **site adaptability** as well—how well the space responds to seasonal changes and different usage patterns.

Liam: Right. **Site adaptability** is important, especially for areas that may need to be modified in the future.

Sophia: Lastly, we should conduct a **maintenance cost analysis** to ensure that long-term upkeep remains affordable and efficient.

Liam: Definitely. A **maintenance cost analysis** will help the city plan its budget and avoid unexpected expenses.

Part 2: Comprehension Questions

1. What is the purpose of a **user satisfaction survey** in post-occupancy evaluations?
   (A) To measure the success of the landscape project
   (B) To increase project costs
   (C) To analyze soil composition
   (D) To remove certain plant species
2. How does an **environmental impact assessment** help in evaluating a landscape project?
   (A) It increases the number of visitors
   (B) It ensures plant species are growing at the same rate
   (C) It evaluates the design's effects on local ecosystems
   (D) It determines the color of pavement materials
3. Why are **landscape performance metrics** important?
   (A) They help in selecting future project locations
   (B) They assess whether the project meets design goals
   (C) They determine how much shade trees provide
   (D) They track the number of benches in the park
4. What is the main benefit of a **maintenance cost analysis**?
   (A) It reduces visitor traffic in the park
   (B) It ensures there is no need for site inspections
   (C) It focuses only on the cost of construction
   (D) It helps plan long-term upkeep expenses

Part 3: Vocabulary with Definitions

- **User satisfaction survey (利用者満足度調査)** – A survey conducted to gather feedback on how people use and experience a landscape.
- **Environmental impact assessment (環境影響評価)** – A study that evaluates how a project affects the surrounding ecosystem.

- **Landscape performance metrics (景観パフォーマンス指標)** – Measurements used to determine if a landscape design meets its intended objectives.
- **Site adaptability (サイト適応性)** – The ability of a landscape to adjust to different weather conditions and usage patterns.
- **Maintenance cost analysis (維持費分析)** – A review of the long-term costs required to keep a landscape functional and well-maintained.

Part 4: Answer Key

1. **What is the purpose of a user satisfaction survey in post-occupancy evaluations?**
   ✅ (A) To measure the success of the landscape project
2. **How does an environmental impact assessment help in evaluating a landscape project?**
   ✅ (C) It evaluates the design's effects on local ecosystems
3. **Why are landscape performance metrics important?**
   ✅ (B) They assess whether the project meets design goals
4. **What is the main benefit of a maintenance cost analysis?**
   ✅ (D) It helps plan long-term upkeep expenses