Fixing Broken Links & Website Errors for Better User Experience

Part 1: Office Roleplay Dialogue

Scenario: A Web Developer, Haruki, is working with his colleague, Anna, to fix broken links and errors reported by users and monitoring tools.

Anna: Hey Haruki, I got a few reports from users saying they're getting **404 errors** on some of our website's pages.

Haruki: Yeah, I noticed that too when I checked the **error log** this morning. It looks like some URLs were changed but weren't updated properly.

Anna: That makes sense. Did you run a **link checker** to find all the affected pages?

Haruki: Yes, and I found about a dozen **broken links**. I'm working on setting up **redirection** to point users to the correct pages.

Anna: Good idea! Proper **redirection** will make sure users don't hit dead ends. Are there any major issues in the **error log**?

Haruki: Nothing critical, just a few outdated links. I'll update them and test everything again.

Anna: Sounds great! Let me know once the fixes are in place, and I'll do a final check.

Haruki: Will do! Hopefully, this will improve the user experience.

Part 2: Comprehension Questions

1. What issue are users experiencing on the website?
(A) The website is running too slowly

(B) The homepage design has changed

(C) They are encountering 404 errors

(D) The website has too many advertisements

2. How did Haruki find the broken links?
(A) By using a link checker

(B) By checking user reviews

(C) By restarting the website server

(D) By asking the IT department

3. What is the purpose of redirection?
(A) To block users from certain pages

(B) To create new website content

(C) To delete old web pages automatically

(D) To send users from a broken link to the correct page

4. What does an error log help developers do?
(A) Design a new company logo

(B) Track and identify website errors

(C) Improve the speed of the website

(D) Increase website traffic

Part 3: Key Vocabulary Definitions in Japanese

1. **404 Error (404 エラー)** – ユーザーが存在しないウェブページにアクセスしようとした際に表示されるエラーメッセージ。

2. **Link Checker (リンクチェッカー)** – ウェブサイト内のリンクが正しく機能しているかを検出するツール。

3. **Redirection (リダイレクション)** – ユーザーを古い URL から新しいページへ自動的に移動させる処理。

4. **Broken Link (リンク切れ)** – 存在しないページや無効な URL を指しているリンク。

5. **Error Log (エラーログ)** – ウェブサイトのエラー情報を記録するファイルやシステム。

Part 4: Questions & Correct Answers

1. **What issue are users experiencing on the website?**
   ✅ (C) They are encountering 404 errors

2. **How did Haruki find the broken links?**
   ✅ (A) By using a link checker

3. **What is the purpose of redirection?**
   ✅ (D) To send users from a broken link to the correct page

4. **What does an error log help developers do?**
   ✅ (B) Track and identify website errors