**1. Optimal Pair of Test Cases**

The pair **TC5 (Deposit → Transfer with Discount) + TC2 (Check Balance → Change PIN)** covers the **most functionalities** (5 out of 6).

**2. Covered Functionalities**

* **F1**: Apply discount (via TC5).
* **F2**: Check balance (via TC2).
* **F3**: Change PIN (via TC2).
* **F5**: Transfer funds (via TC5).
* **F6**: Deposit checks (via TC5).

**3. Uncovered Functionality**

* **F4**: View/print transaction statements (only covered in TC4 and TC6).

**Step-by-Step Explanation**

1. **Map Test Cases to Functionalities**:
   * TC1: F1, F2
   * TC2: F2, F3
   * TC3: F3
   * TC4: F4, F5
   * TC5: F1, F5, F6
   * TC6: F4, F6
2. **Evaluate Combinations**:
   * **TC5 + TC2**: Covers **F1, F2, F3, F5, F6** (5 functionalities).
   * Other pairs (e.g., TC5 + TC4) cover only 4 functionalities.
3. **Uncovered Functionality**:
   * **F4** (view/print statements) is only tested in TC4 or TC6.

**Key Takeaway**

By prioritizing **TC5 and TC2**, you test **83% of functionalities** (5/6) while missing only F4. This maximizes coverage under time constraints.