**Possible Test Cases for a Pen**

**1. Appearance & Build**

* Verify the pen has no cracks or damage on its body.
* Verify the pen cap fits properly.
* Verify the pen clip is attached firmly.
* Verify the pen is comfortable to hold (ergonomic design).
* Verify branding/labeling is clearly visible (if applicable).

**2. Ink & Writing Functionality**

* Verify the pen writes smoothly on paper.
* Verify the ink color matches the label (e.g., blue pen actually writes blue).
* Verify ink does not smudge immediately after writing.
* Verify the pen can write continuously without skipping for a minimum distance (e.g., 1 page).
* Verify the pen works after being left uncapped for a few minutes.
* Verify ink doesn’t leak when kept in a pocket.

**3. Durability**

* Verify the pen body doesn’t break under normal pressure.
* Verify the pen still works after being dropped from desk height.
* Verify the clip doesn’t break after repeated use.
* Verify the cap doesn’t loosen after multiple open/close cycles.

**4. Capacity & Performance**

* Verify how many pages a single pen can write before ink runs out.
* Verify the pen doesn’t dry out before its expected life.  
  Verify writing thickness (0.5mm, 0.7mm, etc.) matches specifications.

**5. Edge / Negative Cases**

* Try writing on different surfaces (paper, cardboard, plastic) – verify it works only where expected.
* Verify ink doesn’t spread if exposed to water (water resistance test).
* Verify pen doesn’t stain fingers when writing.
* Verify the pen works in different temperatures (too hot/too cold).