

# PHARMACEUTICAL CHEMISTRY

## UNIT 1 – Introduction to pharmaceutical chemistry

### 1. ERROR-SPOTTING QUESTIONS (Identify the error)

#### Error 1

Pharmaceutical chemistry mainly deals with **drug formulation, dispensing, and patient counseling**.

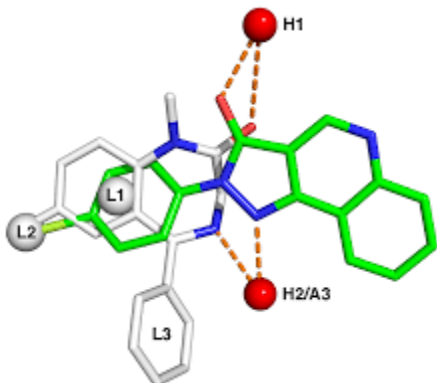
#### Error:

✎ Pharmaceutical chemistry deals with **chemical properties, synthesis, analysis, and structure–activity relationship of drugs**, not dispensing or counseling.



#### 2.Puzzle 2

A pharmaceutical company detected an unknown impurity in a paracetamol sample during quality testing.



**Questions:**

**3. Which subject helps identify and control this impurity?**



**4. Why is impurity identification important:**



### 5.Match the Pair

#### Column A

#### Column B

- |                  |  |
|------------------|--|
| 1. Impurity      | a. Undesirable substance                 |
| 2. Drug          | b. Chemical used for diagnosis/treatment |
| 3. Pharmacopoeia | c. Official drug standards               |

