

## 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**.

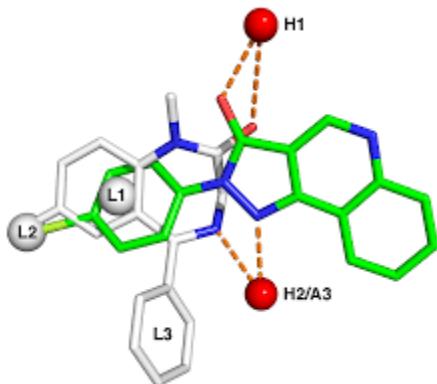
##### Error:

☞ 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               |

