

## Series N° 1

**Q1. Which of the following is a chemical degradation pathway?**

- A. Hydrolysis
- B. Oxidation
- C. Photodegradation
- D. All of the above

**Q2. A drug loses 20% of its potency after 6 months at 40°C. The most likely degradation process is:**

- A. Microbial contamination
- B. Thermal degradation
- C. Mechanical fracture
- D. Packaging defect

**Q3. Main types of contamination in pharmaceutical products include:**

- A. Chemical contamination
- B. Microbiological contamination
- C. Particulate contamination
- D. All of the above

**Q4. Which of the following improves drug stability?**

- A. Protection from light
- B. Controlled temperature storage
- C. Use of antioxidants
- D. All of the above

**Q5. Match the standards with their description:**

- A. Pharmacopoeias
- B. ICH Guidelines
- C. GMP

1. International guidelines for quality, safety, and efficacy
2. Legal compendium of drug standards
3. Regulations for manufacturing ensuring consistent quality

Correct matching is:

- A. A-2 / B-1 / C-3
- B. A-1 / B-2 / C-3
- C. A-3 / B-2 / C-1
- D. A-2 / B-3 / C-1

**Q6. Pharmacopoeias are important because they:**

- A. Define official quality standards
- B. Provide drug pricing information
- C. Replace GMP regulations
- D. Approve marketing authorization

**Q7. Which of the following are qualitative tests for ibuprofen tablets?**

- A. Identification by IR
- B. Color reaction
- C. Assay by UV
- D. Dissolution test

**Q8. Three main components of a national pharmaceutical regulatory system include:**

- A. Regulatory authority
- B. Quality control laboratory
- C. Inspection service
- D. Marketing department

(Choose three correct answers)

**Q9. The role of pharmacy inspection is to:**

- A. Ensure GMP compliance
- B. Control drug pricing
- C. Replace laboratory testing
- D. Manufacture medicines

**Q10. International organizations involved in combating counterfeit medicines include:**

- A. WHO
- B. Interpol
- C. World Customs Organization
- D. All of the above

**Q11. These organizations promote:**

- A. International cooperation
- B. Regulatory harmonization
- C. Surveillance systems
- D. All of the above

**Q12. EMA, ANSM, and FDA are primarily responsible for:**

- A. Drug manufacturing
- B. Drug regulation and market surveillance

- C. Drug advertising
- D. International trade agreements

**Q13. Online pharmacies increase counterfeit risk because:**

- A. Limited regulatory oversight
- B. Anonymous sellers
- C. Cross-border trade
- D. All of the above

**Q14. A monograph is:**

- A. A scientific research article
- B. A regulatory document defining drug standards
- C. A clinical trial report
- D. A marketing document

**Q15. A pharmacopoeial monograph commonly includes:**

- A. Identification tests
- B. Assay method
- C. Impurity limits
- D. All of the above