



**Dr. Arvind Kumar Gupta**  
**(M.Pharm, PDCR, PGDMM & Ph.D)**  
GATE 2003 Qualified with 97.2 percentile  
**Dr. S. N. Dev College of Pharmacy**  
**Shamli (U.P.)**

**OFFICE:** BUILDING No. 3/314, OFFICE-1, GAUSHALA ROAD, SHAMLI DISTRICT SHAMLI (U.P.) – 247776

**Mobile:** +91-9719638415

**Email:** arindrkgit@gmail.com

**Course Name : D. Pharm**  
**Year : First Year**  
**Subject Name : Pharmaceutics**  
**Topic Name : Tablet**

**MULTIPLE CHOICE QUESTION****Evaluation method of tablets**

1. Which of the following is NOT a parameter evaluated during tablet hardness testing?

- a) Weight variation
- b) Friability
- c) Disintegration time
- d) Crushing strength

Answer: c) Disintegration time

2. Tablet friability is determined by:

- a) Measuring the weight loss of tablets after tumbling in a friabilator
- b) Measuring the disintegration time of tablets in a dissolution tester
- c) Determining the tablet hardness using a hardness tester
- d) Analyzing the tablet's appearance under a microscope

Answer: a) Measuring the weight loss of tablets after tumbling in a friabilator

3. Which instrument is commonly used to measure the thickness and diameter of tablets?

- a) Friabilator
- b) Disintegration tester
- c) Hardness tester
- d) Vernier caliper

Answer: d) Vernier caliper

4. The disintegration time of tablets is typically measured in:

- a) Minutes
- b) Seconds
- c) Hours
- d) Millimeters

Answer: b) Seconds

5. The uniformity of tablet weight is evaluated to ensure:

- a) Proper packaging
- b) Consistency of drug content in each tablet
- c) Smooth tablet surface
- d) Rapid disintegration

Answer: b) Consistency of drug content in each tablet

**6.** The term "friability" refers to the:

- a) Hardness of tablets
- b) Ability of tablets to dissolve
- c) Resistance of tablets to abrasion
- d) Tendency of tablets to break or crumble

Answer: d) Tendency of tablets to break or crumble

**7.** Which of the following tests assesses the ability of tablets to release their active ingredient?

- a) Hardness testing
- b) Friability testing
- c) Disintegration testing
- d) Dissolution testing

Answer: d) Dissolution testing

**8.** In dissolution testing, the USP apparatus used for testing tablets is:

- a) Apparatus 1 (basket method)
- b) Apparatus 2 (paddle method)
- c) Apparatus 3 (reciprocating cylinder method)
- d) Apparatus 4 (flow-through cell method)

Answer: b) Apparatus 2 (paddle method)

**9.** Which of the following statements is true regarding tablet hardness?

- a) Higher hardness values indicate faster disintegration
- b) Lower hardness values indicate greater tablet strength
- c) Tablet hardness is measured in grams
- d) Tablet hardness is inversely related to tablet friability

Answer: d) Tablet hardness is inversely related to tablet friability

**10.** The USP specifies the acceptance criteria for tablet friability as a maximum weight loss of:

- a) 0.5%
- b) 1.0%
- c) 2.0%
- d) 5.0%

Answer: b) 1.0%