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

**MULTIPLE CHOICE QUESTION****• EVALUATION METHOD OF CAPSULE**

**1.** Which of the following tests is NOT used for evaluating the weight variation of capsules?

- a) Uniformity of weight test
- b) Content uniformity test
- c) Disintegration test
- d) Friability test

Answer: c) Disintegration test

**2.** The content uniformity test is performed to ensure that the active ingredient in capsules is:

- a) Present in the correct concentration
- b) Uniformly distributed throughout the dosage form
- c) Free from microbial contamination
- d) Stabilized against degradation

Answer: a) Present in the correct concentration

**3.** Friability testing of capsules is conducted to assess their:

- a) Dissolution rate
- b) Resistance to crushing or chipping
- c) Disintegration time
- d) Appearance and odor

Answer: b) Resistance to crushing or chipping

**4.** Which of the following methods is used to evaluate the dissolution rate of capsules?

- a) Sieving
- b) Hardness testing
- c) Spectrophotometry
- d) HPLC analysis

Answer: c) Spectrophotometry

**5.** The disintegration test for capsules is performed to determine:

- a) The time taken for the capsule shell to disintegrate
- b) The release of the active ingredient from the capsule shell
- c) The dissolution rate of the active ingredient

d) The uniformity of weight of the capsules

Answer: a) The time taken for the capsule shell to disintegrate

**6.** Which of the following parameters is NOT typically evaluated during the visual inspection of capsules?

a) Color

b) Shape

c) Odor

d) Hardness

Answer: d) Hardness

**7.** Which of the following tests assesses the microbial quality of capsules?

a) Uniformity of weight test

b) Content uniformity test

c) Microbial enumeration test

d) Disintegration test

Answer: c) Microbial enumeration test

**8.** The moisture content of capsules is evaluated using which of the following methods?

a) Karl Fischer titration

b) Gas chromatography

c) Fourier transform infrared spectroscopy

d) High-performance liquid chromatography

Answer: a) Karl Fischer titration

**9.** Capsules are inspected for defects such as cracks, dents, or deformities during which of the following tests?

a) Weight variation test

b) Friability test

c) Visual inspection

d) Dissolution test

Answer: c) Visual inspection

**10.** Which of the following tests is used to determine the shelf-life of capsules?

a) Stability testing

b) Microbial limit testing

c) Particle size analysis

d) Pyrogen testing

Answer: a) Stability testing