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

MULTIPLE CHOICE QUESTION**Classification of Capsules**

1. Gelatin capsules are commonly classified based on their size. Which size range corresponds to the smallest capsules?

- a) Size 000
- b) Size 5
- c) Size 1
- d) Size 4

Answer: a) Size 000

2. Vegetarian or vegan capsules are typically made from which of the following materials?

- a) Gelatin
- b) Starch
- c) Cellulose
- d) Animal proteins

Answer: c) Cellulose

3. Enteric-coated capsules are designed to:

- a) Dissolve rapidly in the stomach
- b) Release their contents in the small intestine
- c) Provide immediate drug action
- d) Protect the contents from moisture

Answer: b) Release their contents in the small intestine

4. Which of the following capsule types is used for filling with liquid formulations?

- a) Hard gelatin capsules
- b) Soft gelatin capsules
- c) Enteric-coated capsules
- d) HPMC capsules

Answer: b) Soft gelatin capsules

5. Size 0 capsules are typically larger than size 1 capsules by approximately:

- a) 0.1 mm
- b) 0.5 mm
- c) 1.0 mm

d) 2.0 mm

Answer: b) 0.5 mm

6. Which of the following is NOT a common size for hard gelatin capsules?

a) Size 3

b) Size 2

c) Size 00

d) Size 000

Answer: a) Size 3

7. Capsules used for immediate-release formulations are often:

a) Hard gelatin capsules

b) Soft gelatin capsules

c) Enteric-coated capsules

d) HPMC capsules

Answer: a) Hard gelatin capsules

8. HPMC capsules are an alternative to gelatin capsules and are suitable for:

a) Vegetarian or vegan formulations

b) Enteric-coated formulations

c) Liquid formulations

d) Rapid-release formulations

Answer: a) Vegetarian or vegan formulations

9. Which of the following is NOT a factor considered when classifying capsules?

a) Material composition

b) Manufacturing process

c) Size and shape

d) Color and markings

Answer: b) Manufacturing process

10. Which of the following capsule sizes is commonly used for pediatric and geriatric patients?

a) Size 00

b) Size 5

c) Size 1

d) Size 4

Answer: b) Size 5