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

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

1. Which of the following methods is commonly used for preparing hard gelatin capsules?

- a) Compression molding
- b) Injection molding
- c) Soft gel encapsulation
- d) Dipping method

Answer: d) Dipping method

2. In the dipping method of capsule preparation, the gelatin solution is typically maintained at what temperature?

- a) Below 0°C
- b) Room temperature
- c) Above 60°C
- d) Near boiling point

Answer: c) Above 60°C

3. Which of the following techniques is used for preparing soft gelatin capsules?

- a) Compression molding
- b) Injection molding
- c) Rotating die method
- d) Dipping method

Answer: c) Rotating die method

4. Rotating die method involves the use of _____ to form the soft gelatin capsule shells.

- a) Plasticizers
- b) Metal molds
- c) Rotary dies
- d) Compression force

Answer: c) Rotary dies

5. Which of the following methods is used for preparing enteric-coated capsules?

- a) Compression molding
- b) Injection molding
- c) Dipping method

d) Microencapsulation

Answer: d) Microencapsulation

6. Microencapsulation involves the encapsulation of drug particles within a _____ coating.

a) Gelatin

b) Cellulose

c) Polymer

d) Wax

Answer: c) Polymer

7. Which of the following processes is NOT used in the manufacture of capsules?

a) Drying

b) Milling

c) Granulation

d) Filtration

Answer: d) Filtration

8. The process of granulation is important in capsule manufacturing to improve _____ of the powder blend.

a) Flowability

b) Hardness

c) Solubility

d) Lubrication

Answer: a) Flowability

9. Which of the following methods is used for preparing sustained-release capsules?

a) Compression molding

b) Injection molding

c) Pelletization

d) Dipping method

Answer: c) Pelletization

10. Pelletization involves the formation of small spherical particles called pellets, which are then filled into capsule shells to achieve sustained release of the drug. Pellets are typically prepared using:

a) Compression force

b) Extrusion-spheronization

c) Spray drying

d) Injection molding

Answer: b) Extrusion-spheronization