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

MULTIPLE CHOICE QUESTION**Tablets Preparation methods**

1. Which tablet preparation method involves mixing the active pharmaceutical ingredient (API) and excipients using a solvent and then drying to form tablets?

- a) Direct compression
- b) Wet granulation
- c) Dry granulation
- d) Sublimation

Answer: b) Wet granulation

2. Which tablet preparation method does NOT involve the use of moisture during the process?

- a) Direct compression
- b) Wet granulation
- c) Dry granulation
- d) Compression coating

Answer: a) Direct compression

3. Which tablet preparation method is also known as slugging or roller compaction?

- a) Direct compression
- b) Wet granulation
- c) Dry granulation
- d) Compression coating

Answer: c) Dry granulation

4. Which tablet preparation method requires the use of a lubricant to prevent sticking of the granules during compression?

- a) Direct compression
- b) Wet granulation
- c) Dry granulation
- d) Compression coating

Answer: b) Wet granulation

5. Which tablet preparation method involves compressing pre-formed granules or powder blends into tablets without the use of additional excipients?

- a) Direct compression
- b) Wet granulation

c) Dry granulation

d) Sublimation

Answer: a) Direct compression

6. Which tablet preparation method is commonly used when the API is sensitive to moisture or heat?

a) Direct compression

b) Wet granulation

c) Dry granulation

d) Sublimation

Answer: c) Dry granulation

7. Which tablet preparation method involves compressing a layer of powder around a pre-existing tablet core?

a) Direct compression

b) Wet granulation

c) Dry granulation

d) Compression coating

Answer: d) Compression coating

8. Which tablet preparation method is the simplest and most cost-effective but requires good flow and compressibility of the powder blend?

a) Direct compression

b) Wet granulation

c) Dry granulation

d) Sublimation

Answer: a) Direct compression

9. Which tablet preparation method is suitable for moisture-sensitive drugs and involves the conversion of a solid directly into vapor phase?

a) Direct compression

b) Wet granulation

c) Dry granulation

d) Sublimation

Answer: d) Sublimation

10. Which tablet preparation method typically results in tablets with better content uniformity and fewer processing steps?

a) Direct compression

b) Wet granulation

c) Dry granulation

d) Sublimation

Answer: a) Direct compression