

Q.1. Which of the following drug produces gastric irritation after micronization?

- a. Phenobarbital
- b. Tetracycline
- c. Erythromycin
- d. Nitrofurantoin

Q.2. Lecithin is incorporated in shampoos as

- a. Conditioning agent
- b. Clarifying agent
- c. Opacifying agent
- d. pH adjusting agent

Q.3. **Which of the following semipermeable membrane used in haemodialysis?**

- a. Cellophane
- b. Cellulose acetate
- c. Polyethene
- d. Polyvinyl acetate

Q.4. **LAL (Limulus Amebocyte Lysate) is**

- a. An in vitro test for detecting pyrogenic endotoxins
- b. An in vivo test for detecting pyrogenic endotoxins
- c. An in vitro test for detecting pyrogenic exotoxins
- d. An in vivo test for detecting pyrogenic exotoxins

Q.5. Which of the following is the tablet hardness tester

- a. Strong cobb tester
- b. Erweka tester
- c. Schleuniger tester
- d. All the above

Q.6. **The phenomenon of package "breathing" is a major cause of product deterioration during storage in _____?**

- A. Glass container
- B. Plastic container
- C. Metal container
- D. None

Q.7. **The applicability of Noyes-Whitney equation is to describe**

- (A) First order kinetics
- (B) Zero order kinetics
- (C) Mixed order kinetics
- (D) Dissolution rate

Q.8. **A carbohydrate, known commonly as invert sugar, is**

- (A) Fructose
- (B) Sucrose
- (C) Glucose
- (D) Lactose

Q.9. The bacterial spores are destroyed by

- a) Dessicstion
- b) Phenol
- c) Boilling
- d) Autoclaving

Q.10. Oral bioavailability of griseofulvin is increased by

- A. Micronization
- B. Solid dispersion
- C. Amorphous generation
- D. None