

Milestones in Pharmacology

Pharmacology · Practice Test · 25 Questions

1. Who is credited with the discovery of penicillin, the first true antibiotic, in 1928?

- A) Alexander Fleming
- B) Louis Pasteur
- C) Robert Koch
- D) Joseph Lister

2. What was the first synthetic drug developed to treat a specific bacterial infection, syphilis?

- A) Salvarsan
- B) Aspirin
- C) Insulin
- D) Morphine

3. Which company first mass-produced aspirin in a stable tablet form in 1899?

- A) Bayer
- B) Pfizer
- C) Merck
- D) Novartis

4. In 1921, which substance was first successfully isolated to treat diabetes?

- A) Insulin
- B) Penicillin
- C) Digitalis
- D) Quinine

5. What is considered the first effective treatment for malaria, derived from the bark of the cinchona tree?

- A) Quinine
- B) Aspirin
- C) Codeine
- D) Caffeine

6. Which drug was the first to be approved by the FDA as an oral contraceptive in 1960?

- A) Enovid
- B) Provera
- C) Depo-Provera
- D) Mifeprex

7. Which substance, isolated from the willow tree, was the precursor to modern aspirin?

- A) Salicin
- B) Atropine
- C) Nicotine
- D) Morphine

8. What was the first local anesthetic to be discovered and used in surgery?

- A) Cocaine
- B) Lidocaine
- C) Procaine
- D) Benzocaine

9. Which German scientist is known as the 'father of chemotherapy' for his work on 'magic bullets'?

- A) Paul Ehrlich
- B) Robert Koch
- C) Emil von Behring
- D) Gerhard Domagk

10. What was the first sulfonamide antibiotic to be marketed, revolutionizing the treatment of bacterial infections?

- A) Prontosil
- B) Penicillin
- C) Streptomycin
- D) Tetracycline

11. Which vaccine, developed by Edward Jenner in 1796, is considered the first successful vaccine in history?

- A) Smallpox
- B) Polio
- C) Rabies
- D) Influenza

12. What was the first drug to be synthesized in a laboratory, created by Friedrich Wöhler in 1828?

- A) Urea
- B) Aspirin
- C) Morphine
- D) Cocaine

13. Which organization was the first to establish international standards for the quality and purity of medicines?

- A) World Health Organization
- B) FDA
- C) AMA
- D) EMA

14. What was the first opioid alkaloid to be isolated from the opium poppy in 1804?

- A) Morphine
- B) Codeine
- C) Thebaine
- D) Papaverine

15. Which drug was the first to be discovered through systematic screening of soil samples for antibiotics?

- A) Streptomycin
- B) Penicillin
- C) Vancomycin
- D) Erythromycin

16. What was the first antidepressant drug, originally developed for tuberculosis in the 1950s?

- A) Iproniazid
- B) Prozac
- C) Zoloft
- D) Lexapro

17. Which chemical compound was the first to be used as a general anesthetic during surgery in 1846?

- A) Ether
- B) Chloroform
- C) Nitrous Oxide
- D) Halothane

18. What was the first widely used drug to treat high blood pressure, introduced in the 1950s?

- A) Reserpine
- B) Lisinopril
- C) Atenolol
- D) Losartan

19. Which vitamin was the first to be chemically synthesized in 1933?

- A) Vitamin C
- B) Vitamin A
- C) Vitamin B12
- D) Vitamin D

20. What was the first statin drug to be approved by the FDA for lowering cholesterol?

- A) Lovastatin
- B) Simvastatin
- C) Atorvastatin
- D) Rosuvastatin

21. Which substance was the first to be used as an antiseptic during surgery by Joseph Lister?

- A) Carbolic acid
- B) Iodine
- C) Hydrogen peroxide
- D) Alcohol

22. What was the first medication used to treat gout by inhibiting uric acid production?

- A) Allopurinol
- B) Colchicine
- C) Probenecid
- D) Febuxostat

23. Which drug was the first to be identified as a proton pump inhibitor for stomach ulcers?

- A) Omeprazole
- B) Lansoprazole
- C) Pantoprazole
- D) Rabeprazole

24. What was the first antihistamine drug developed for the treatment of allergies?

- A) Phenbenzamine
- B) Diphenhydramine
- C) Loratadine
- D) Cetirizine

25. Which drug is recognized as the first monoclonal antibody approved for human therapeutic use in 1986?

- A) Muromonab-CD3
- B) Rituximab
- C) Trastuzumab
- D) Infliximab