

Pharmacological History and Milestones

Pharmacology · Practice Test · 12 Questions

1. In what year did Alexander Fleming publish his initial findings on the antibacterial properties of penicillin?

- A) 1922
- B) 1929
- C) 1935
- D) 1941

2. The first clinical trial of insulin, administered to Leonard Thompson, took place in which year?

- A) 1918
- B) 1920
- C) 1922
- D) 1925

3. How many milligrams (mg) of aspirin are typically contained in a standard adult 'low-dose' tablet?

- A) 50 mg
- B) 81 mg
- C) 150 mg
- D) 325 mg

4. Who is the scientist credited with the discovery of the first sulfonamide antibiotic, Prontosil, in 1932?

- A) Gerhard Domagk
- B) Paul Ehrlich
- C) Selman Waksman
- D) Howard Florey

5. What is the standard half-life of Caffeine in a healthy adult, expressed in hours?

- A) 1-2 hours
- B) 3-5 hours
- C) 6-8 hours
- D) 10-12 hours

6. The United States Food and Drug Administration (FDA) was formally established under its current name in what year?

- A) 1906
- B) 1930
- C) 1938
- D) 1951

7. The drug Thalidomide was first marketed in West Germany under the trade name Contergan in which year?

- A) 1954
- B) 1957
- C) 1960
- D) 1963

8. What is the atomic number of Lithium, a drug commonly used for the treatment of bipolar disorder?

- A) 2
- B) 3
- C) 7
- D) 11

9. In 1943, Albert Hofmann first synthesized which hallucinogenic substance, now known by the abbreviation LSD-25?

- A) Lysergic acid diethylamide
- B) Psilocybin
- C) Mescaline
- D) Dimethyltryptamine

10. How many amino acids make up the structure of the naturally occurring human hormone insulin?

- A) 21
- B) 51
- C) 84
- D) 102

11. The first successful mass production of penicillin for human use was achieved by the United States during which year?

- A) 1939
- B) 1941
- C) 1944
- D) 1946

12. What is the number of schedules defined under the U.S. Controlled Substances Act to categorize drugs based on abuse potential?

- A) 3
- B) 4
- C) 5
- D) 6