

Pharmacological History and Milestones

Pharmacology · Answer Key · 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