

Addiction Science Milestones and Data

Addiction Science · Practice Test · 8 Questions

1. In what year did the U.S. Congress pass the Controlled Substances Act, which established the five-tier scheduling system for drugs?

- A) 1968
- B) 1970
- C) 1972
- D) 1974

2. Which researcher led the team that identified the mu-opioid receptor in 1973, a pivotal discovery in addiction neurobiology?

- A) Candace Pert
- B) Arvid Carlsson
- C) Paul Greengard
- D) Eric Kandel

3. What is the specific half-life of methadone, which necessitates careful clinical titration to avoid accumulation and toxicity?

- A) 6-12 hours
- B) 15-60 hours
- C) 72-96 hours
- D) 120+ hours

4. According to the DSM-5 criteria for Substance Use Disorder, how many of the 11 listed symptoms must be present within a 12-month period to meet the threshold for a 'severe' diagnosis?

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

5. The Harrison Narcotics Tax Act, which served as the first major federal attempt to regulate opioid use in the United States, was signed into law in which year?

- A) 1906
- B) 1914
- C) 1922
- D) 1930

6. What is the standard dosage range in milligrams for the initial induction phase of buprenorphine monotherapy for opioid withdrawal?

- A) 2-8 mg
- B) 10-20 mg
- C) 30-50 mg
- D) 80-100 mg

7. In the 1950s, which researcher's work with the 'pleasure center' (medial forebrain bundle) in rats provided the initial evidence for the dopamine reward circuit?

- A) B.F. Skinner
- B) James Olds
- C) John Garcia
- D) Edward Thorndike

8. Which year did the World Health Organization officially rename 'drug dependence' to 'substance dependence' in the ICD-10 to reflect evolving clinical perspectives?

- A) 1985
- B) 1990
- C) 1992
- D) 1995