

Foundations of Cognitive Psychology

Cognitive Psychology · Answer Key · 10 Questions

1. Who is credited with founding the first experimental psychology laboratory in 1879 at the University of Leipzig?

- A) Wilhelm Wundt**
- B) William James
- C) Sigmund Freud
- D) B.F. Skinner

2. Hermann Ebbinghaus is most famous for conducting the first scientific studies on what cognitive process?

- A) Attention
- B) Memory**
- C) Problem solving
- D) Language acquisition

3. In 1956, George Miller published a famous paper identifying the capacity limit of short-term memory as what?

- A) Seven plus or minus two**
- B) Five plus or minus one
- C) Ten plus or minus three
- D) Twelve plus or minus four

4. Which Swiss psychologist is best known for his pioneering theory of cognitive development in children?

- A) Lev Vygotsky
- B) Jean Piaget**
- C) Erik Erikson
- D) John Watson

5. The 'Turing Test', proposed by Alan Turing, was designed to evaluate which cognitive capability in machines?

- A) Emotional intelligence
- B) Physical dexterity
- C) Human-level intelligence**
- D) Memory storage capacity

6. Ulric Neisser coined the term 'Cognitive Psychology' and published the first textbook by that title in which year?

- A) 1945
- B) 1957
- C) 1967**
- D) 1982

7. Donald Broadbent proposed the 'Filter Model' of attention in 1958, which suggests we process information based on what?

- A) Physical characteristics**
- B) Emotional value
- C) Complex meaning
- D) Past experiences

8. The study of the 'Mental Rotation' of objects, demonstrating how we manipulate visual images in our minds, was pioneered by whom?

- A) Roger Shepard**
- B) Noam Chomsky
- C) Elizabeth Loftus
- D) Herbert Simon

9. Noam Chomsky famously challenged B.F. Skinner's behaviorist view of language by proposing the existence of what?

- A) A social learning device
- B) A language acquisition device**
- C) A memory enhancement tool
- D) A visual processing system

10. The Stroop Effect, discovered in 1935, primarily demonstrates the difficulty of what cognitive task?

- A) Recalling word lists
- B) Inhibiting automatic responses**
- C) Solving logical puzzles
- D) Recognizing facial expressions