

Name: _____ **Date:** _____

Outsmart the Trickster Mind: 9th Grade Memory & Cognition Quiz

Students apply theoretical models like state-dependent memory and metacognitive monitoring to real-world academic and social scenarios.

1. A student studies for a chemistry exam while listening to a specific lo-fi jazz playlist. During the test, they find it easier to recall the periodic table while humming those same melodies. This phenomenon is known as:

- A. The Method of Loci
- B. Context-Dependent Memory
- C. Retroactive Interference
- D. Semantic Encoding

2. When you remember how to ride a bicycle or tie your shoes without consciously thinking about the steps, you are utilizing _____ memory.

- A. Declarative
- B. Episodic
- C. Procedural
- D. Iconic

3. Metacognition refers to the physical growth of new neurons in the brain during the learning process.

- A. True
- B. False

4. You are trying to memorize a list of 15 grocery items. You group them into categories like 'Dairy,' 'Produce,' and 'Frozen Foods' to remember them better. This cognitive strategy is called:

- A. Rehearsal
- B. Chunking
- C. Serial Position
- D. Automaticity

5. The _____ effect explains why someone might remember the first and last names on a guest list but forget the names in the middle.

- A. Spacing
- B. Amnesic
- C. Serial Position
- D. Misinformation

6. A mental shortcut that allows us to make quick decisions, though not always perfectly accurate, is known as a heuristic.

- A. True

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B. False

7. Which cognitive bias is occurring when a person only reads news articles that support their existing political beliefs and ignores articles that contradict them?

- A. Availability Heuristic
- B. Functional Fixedness
- C. Confirmation Bias
- D. Hindsight Bias

8. If you cannot form new memories after a head injury, but you can still remember your childhood, you are suffering from _____ amnesia.

- A. Retrograde
- B. Anterograde
- C. Infantile
- D. Dissociative

9. Working memory is simply another name for long-term storage where facts are kept for decades.

- A. True
- B. False

10. When an individual struggle to see that a heavy book could be used as a doorstop because they only view it as something to read, they are experiencing:

- A. Divergent Thinking
- B. Functional Fixedness
- C. Mental Set
- D. Algorithm Failure