

Advanced Psychology Curriculum Essentials

Psychology · Answer Key · 5 Questions

1. Which neurotransmitter plays a primary role in voluntary muscle movement and is significantly reduced in neurons affected by Alzheimer's disease?

- A) Dopamine
- B) Acetylcholine**
- C) Serotonin
- D) GABA

2. Damage to Wernicke's area in the temporal lobe of the human brain typically causes which specific symptom?

- A) Inability to produce motor speech
- B) Loss of fine motor control
- C) Impairment in comprehending written and spoken language**
- D) Inability to form new episodic long-term memories

3. According to Ewald Hering's opponent-process theory of color vision, which pair of colors forms a set of opposing neural responses?

- A) Red and green**
- B) Red and blue
- C) Yellow and green
- D) Black and blue

4. In operant conditioning, which schedule of reinforcement provides a reward after an unpredictable number of responses?

- A) Fixed-ratio schedule
- B) Variable-ratio schedule**
- C) Fixed-interval schedule
- D) Variable-interval schedule

5. What is the psychological term for the tendency to recall the first and last items in a list better than the middle items?

- A) Proactive interference
- B) Retroactive interference
- C) Serial position effect**
- D) State-dependent memory