

# Advanced Psychiatric Knowledge

Psychiatry · Practice Test · 12 Questions

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**1. Which specific neurotransmitter system is most directly implicated in the primary mechanism of action of typical antipsychotics?**

- A) GABAergic
- B) Dopaminergic D2
- C) Serotonergic 5-HT2A
- D) Cholinergic Muscarinic

**2. In the context of sleep architecture, what is the characteristic EEG finding associated with Stage N3 sleep?**

- A) Sleep spindles
- B) K-complexes
- C) Delta waves
- D) Alpha rhythm

**3. Which medication, commonly used for bipolar disorder, requires monitoring of thyroid function and renal clearance due to its narrow therapeutic index?**

- A) Lamotrigine
- B) Lithium
- C) Valproate
- D) Quetiapine

**4. What is the defining clinical feature of Capgras syndrome?**

- A) Belief that one is dead
- B) Belief that a familiar person has been replaced by an identical impostor
- C) Belief that one is infested with parasites
- D) Belief that one's body parts are missing

**5. The 'Papez circuit' in neuroanatomy is fundamentally associated with the regulation of which primary function?**

- A) Motor coordination
- B) Visual processing
- C) Emotion and memory
- D) Auditory integration

**6. Which psychiatric rating scale is specifically designed to assess the severity of symptoms in patients with Obsessive-Compulsive Disorder?**

- A) HAM-D
- B) Y-BOCS
- C) PANSS
- D) MADRS

**7. Which specific brain structure, when damaged, is most frequently associated with the development of Kluver-Bucy syndrome?**

- A) Hippocampus
- B) Amygdala
- C) Cerebellum
- D) Thalamus

**8. According to the DSM-5-TR, what is the minimum duration of symptoms required to diagnose Schizophrenia?**

- A) 1 month
- B) 3 months
- C) 6 months
- D) 12 months

**9. Which antidepressant is uniquely known for having a side effect profile that includes a dose-dependent risk of seizures and is contraindicated in patients with eating disorders?**

- A) Fluoxetine
- B) Bupropion
- C) Mirtazapine
- D) Venlafaxine

**10. In genetic terms, what is the approximate concordance rate for Schizophrenia in monozygotic twins?**

- A) 10-15%
- B) 40-50%
- C) 75-80%
- D) 95-100%

**11. Which personality disorder is characterized by a pervasive pattern of detachment from social relationships and a restricted range of emotional expression?**

- A) Schizoid
- B) Schizotypal
- C) Paranoid
- D) Avoidant

**12. What is the primary pharmacological action of Memantine, used in the treatment of Alzheimer's disease?**

- A) Acetylcholinesterase inhibitor
- B) NMDA receptor antagonist
- C) Selective serotonin reuptake inhibitor
- D) Dopamine agonist