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D. Pharm Exit Exam - 2024

Course Name	: D. Pharm
Year	: Second Year
Subject Name	: Pharmacology
Topic Name	: Anti-anxiety drugs

MULTIPLE CHOICE QUESTION

1. Which of the following is not a commonly used class of anti-anxiety drugs?

- A) Benzodiazepines
- B) Selective serotonin reuptake inhibitors (SSRIs)
- C) Beta-blockers
- D) Barbiturates

Answer: D) Barbiturates

2. Which neurotransmitter is primarily targeted by anti-anxiety medications?

- A) Dopamine
- B) Acetylcholine
- C) Serotonin
- D) Gamma-aminobutyric acid (GABA)

Answer: D) Gamma-aminobutyric acid (GABA)

3. Which of the following benzodiazepines has the longest half-life?

- A) Alprazolam
- B) Diazepam
- C) Lorazepam
- D) Clonazepam

Answer: B) Diazepam

4. Buspirone is classified as:

- A) A benzodiazepine
- B) An SSRI
- C) A beta-blocker
- D) A non-benzodiazepine anxiolytic

Answer: D) A non-benzodiazepine anxiolytic

5. Which of the following is a common side effect of benzodiazepines?

- A) Hypertension
- B) Drowsiness
- C) Weight gain
- D) Hyperactivity

Answer: B) Drowsiness

6. Which anti-anxiety medication is often used for performance anxiety and stage fright?

- A) Propranolol
- B) Clonazepam
- C) Buspirone
- D) Fluoxetine

Answer: A) Propranolol

7. Which of the following is NOT a benzodiazepine?

- A) Alprazolam
- B) Diazepam
- C) Zolpidem
- D) Lorazepam

Answer: C) Zolpidem

8. Selective serotonin reuptake inhibitors (SSRIs) are commonly used to treat anxiety disorders as they:

- A) Increase GABA activity
- B) Decrease serotonin levels
- C) Increase serotonin levels
- D) Inhibit acetylcholine receptors

Answer: C) Increase serotonin levels

9. Which of the following is a potential risk associated with long-term use of benzodiazepines?

- A) Osteoporosis
- B) Weight loss
- C) Addiction
- D) Hypertension

Answer: C) Addiction

10. Which anti-anxiety medication is often used for panic disorder?

- A) Alprazolam
- B) Fluoxetine
- C) Lorazepam
- D) Buspirone

Answer: A) Alprazolam

11. Which of the following is NOT a benzodiazepine receptor agonist?

- A) Zolpidem
- B) Zopiclone
- C) Eszopiclone
- D) Ramelteon

Answer: D) Ramelteon

12. Which anti-anxiety medication is commonly used for obsessive-compulsive disorder (OCD)?

- A) Alprazolam
- B) Fluoxetine
- C) Clonazepam
- D) Buspirone

Answer: B) Fluoxetine

13. Which of the following is NOT a common side effect of buspirone?

- A) Dizziness
- B) Insomnia
- C) Weight gain
- D) Nausea

Answer: C) Weight gain

14. Which anti-anxiety medication is often used to help with sleep disorders?

- A) Clonazepam
- B) Fluoxetine
- C) Buspirone
- D) Sertraline

Answer: A) Clonazepam

15. Which of the following is NOT a benzodiazepine withdrawal symptom?

- A) Seizures
- B) Nausea
- C) Hypertension
- D) Muscle cramps

Answer: C) Hypertension

16. Which anti-anxiety medication is commonly used for generalized anxiety disorder (GAD)?

- A) Alprazolam
- B) Diazepam

C) Lorazepam

D) Buspirone

Answer: D) Buspirone

17. Which neurotransmitter system is primarily targeted by benzodiazepines?

A) Dopamine

B) Serotonin

C) GABA

D) Glutamate

Answer: C) GABA

18. Which anti-anxiety medication has a relatively rapid onset of action but a short duration of action?

A) Diazepam

B) Lorazepam

C) Alprazolam

D) Clonazepam

Answer: C) Alprazolam

19. Which of the following is NOT a benzodiazepine antagonist?

A) Flumazenil

B) Naloxone

C) Naltrexone

D) Alfaxalone

Answer: D) Alfaxalone

20. Which anti-anxiety medication is often used for social anxiety disorder (SAD)?

A) Clonazepam

B) Paroxetine

C) Sertraline

D) Escitalopram

Answer: B) Paroxetine