

*Test Bank for Pharmacotherapeutics
for Advanced Nursing Practice Revised
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Chapter 01

Multiple Choice

1. In the stomach, histamine is released by:

- A) parietal cells.
- B) enterochromaffin-like cells.
- C) chief cells.
- D) mucoid cells.

Ans: B

Complexity: Easy

Ahead: Overview of Antihistamines

Subject: Chapter 1

Taxonomy: Recall

2. The first drugs typically used to treat the symptoms of an allergic reaction or allergic rhinitis are:

- A) oral H₁ antihistamines.
- B) intranasal H₁ antihistamines.
- C) H₂ antihistamines.
- D) H₃ antihistamines.

Ans: C

Complexity: Difficult

Ahead: Overview of Antihistamines

Subject: Chapter 1

Taxonomy: Application

3. Some first-generation antihistamines are used:

- A) as stimulants.
- B) to prevent motion sickness.
- C) as anticonvulsants.
- D) as laxatives.

Ans: B

Complexity: Difficult

Ahead: 1.1 First-Generation Antihistamines

Subject: Chapter 1

Taxonomy: Application

4. Which of the following is a side effect of first-generation antihistamines related to their anticholinergic activity?

- A) Blurry vision
- B) Diarrhea
- C) Cognitive disturbances
- D) Nausea

Ans: C

Complexity: Difficult

Ahead: 1.1 First-Generation Antihistamines

Subject: Chapter 1

Taxonomy: Analysis

5. Compared to first-generation antihistamines, second-generation antihistamines:

- A) are less able to penetrate the blood-brain barrier.
- B) have fewer muscarinic effects.
- C) have greater anticholinergic effects.
- D) are more likely to cause drowsiness.

Ans: A

Complexity: Moderate

Ahead: 1.2 Second-Generation Antihistamines

Subject: Chapter 1

Taxonomy: Application

6. Second-generation antihistamines are preferred for treating which patient category?

- A) Children
- B) Women
- C) Patients with hypertension
- D) Patients with insomnia

Ans: A

Complexity: Moderate

Ahead: 1.2 Second-Generation Antihistamines

Subject: Chapter 1

Taxonomy: Analysis

7. Which type of antihistamines are used to inhibit the secretion of gastric acid in patients with gastrointestinal disorders?

- A) H₁
- B) H₂
- C) H₃
- D) H₄

Ans: B

Complexity: Difficult
Ahead: 1.3 Other Antihistamines
Subject: Chapter 1
Taxonomy: Application

8. Toxicity of antihistamines has been reported in incidents of interactions with:

- A) kidney function.
- B) neurotransmitter activity.
- C) liver enzymes.
- D) diabetes medications.

Ans: C

Complexity: Difficult
Ahead: 1.3 Other Antihistamines
Subject: Chapter 1
Taxonomy: Analysis

Short Answer

1. Eosinophils, neutrophils, and T cells contain the type of histamine receptors referred to as ____.

Ans: H₄

Complexity: Difficult
Ahead: Overview of Antihistamines
Subject: Chapter 1
Taxonomy: Analysis

Essay

1. Under what two circumstances may second-generation antihistamines cause drowsiness?

Ans: If used concurrently with medications that cause CNS depression or with alcohol

Complexity: Difficult
Ahead: 1.2 Second-Generation Antihistamines
Subject: Chapter 1
Taxonomy: Analysis