# *Pharmacotherapeutics for Advanced Nursing Practice Revised Edition 1st edition Demler Test Bank*

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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 $H_1$ antihistamines.
B) intranasal $H_1$ antihistamines.
C) $H_2$ antihistamines.
D) $H_3$ 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

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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) $H_1$
B) $H_2$
C) $H_3$
D) $H_4$
Ans: B

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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: $H_4$
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

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