

**LPUNEST – Ph.D. Pharmaceutical Chemistry
(Sample Questions)**

QUESTION 1

Histamine is chemically

- Option A 2-(4-imidazolyl)ethylamine
- Option B 2-(1-imidazolyl)ethylamine
- Option C 2-(2-imidazolyl)ethylamine
- Option D 2-(3-imidazolyl)ethylamine

QUESTION 2

Which among the following is H₂ Receptor antagonist?

- Option A Ranitidine
- Option B Loratadine
- Option C Cinnarizine
- Option D Fenethazine

QUESTION 3

Quinine has the _____ configuration.

- Option A 8S,9R
- Option B 8S,9S
- Option C 8R,9R
- Option D 8R,9S

QUESTION 4

Deferoxamine is used for the treatment of toxicity caused by one of the following ions. Identify that.

- Option A Arsenic
- Option B Cyanide
- Option C Iron
- Option D Lead

QUESTION 5

In the process by which the conversion of sulfasalazine to sulfapyridine and 5-amino salicylic acid takes place in the colon?

- Option A Hydrolysis
- Option B Deamination
- Option C Acetylation
- Option D Azoreduction