

B.Sc., PHYSICIAN ASSISTANT

PHARMACOLOGY PUZZLE

UNIT - 3

TOPIC - H2 BLOCKERS

TOTAL MARKS - 10 MARKS

Puzzle: Clinical Quest (Case-Based Scenario)

In this role-play level, you're a doctor treating a 50-year-old with peptic ulcer disease and on warfarin. Options:

- Cimetidine: Potent but CYP inhibitor.
- Ranitidine: Effective but potential impurity issues.
- Famotidine: Minimal interactions, IV available.
- Nizatidine: Similar to ranitidine, oral only.

Choose the best and justify, considering drug interactions.

RUBRICS:

Criterion	Marks (out of 10)
Accuracy	4
Logical reasoning / Applying	3
Conceptual understanding	2
Presentation	1
Total Marks	10 marks