

B.Sc., PHYSICIAN ASSISTANT

PHARMACOLOGY PUZZLE

UNIT - 3

TOPIC - ANTICOAGULANTS

TOTAL MARKS - 10 MARKS

Puzzle: Logic Labyrinth (Deductive Grid Gauntlet)

Four anticoagulants - Warfarin, Heparin, Apixaban, and Rivaroxaban—each have a unique mechanism (vitamin K antagonist, antithrombin enhancer, direct Xa inhibitor, or another direct Xa inhibitor), primary use (long-term clot prevention, acute DVT treatment, stroke prevention in AFib, or post-surgical prophylaxis), and a key side effect (bleeding with INR monitoring, HIT risk, GI bleeding, or epistaxis). Use clues to complete the grid.

Clues:

- The vitamin K antagonist is for long-term clot prevention and requires INR monitoring.
- Heparin enhances antithrombin but isn't for stroke prevention.
- The direct Xa inhibitor for stroke prevention has GI bleeding risk.
- Rivaroxaban's side effect is epistaxis.

SNS COLLEGE OF ALLIED HEALTH SCIENCE, COIMBATORE -35.

(Affiliated to The Tamil Nadu Dr. M.G.R. Medical University, Chennai)



B.Sc., PHYSICIAN ASSISTANT

PHARMACOLOGY PUZZLE

RUBRICS:

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