

EMPLOYEES' STATE INSURANCE CORPORATION (MINISTRY OF LABOUR & EMPLOYMENT)

ESIC Paramedical & Nursing Cadre Recruitment Examination

ESIC Allopathic Pharmacist Previous Year Solved Question Paper

Exam: ESIC Allopathic Pharmacist CBT

Cadre: Central Paramedical Group-C

Total Questions: 125 MCQs (100 Technical + 25 General)

Negative Marking: 0.25 Mark deduction

Q1 (Domain). The major storage iron protein in human cells is:

- (A) Ferritin
- (B) Transferrin
- (C) Hemosiderin
- (D) Ceruloplasmin

Correct Answer: (A) Ferritin

Rationale: Ferritin is the primary intracellular protein that stores iron and releases it in a controlled fashion.

Q2 (Domain). Which drug is an irreversible inhibitor of platelet cyclooxygenase (COX-1)?

- (A) Aspirin (Acetylsalicylic acid)
- (B) Ibuprofen
- (C) Paracetamol
- (D) Diclofenac

Correct Answer: (A) Aspirin (Acetylsalicylic acid)

Rationale: Aspirin acetylates Serine 529 in COX-1 irreversibly, preventing thromboxane A2 synthesis for the entire lifespan of the platelet (7-10 days).