

**ATAL BIHARI VAJPAYEE MEDICAL UNIVERSITY, LUCKNOW**  
**MBBS DEGREE - II<sup>nd</sup> PROFESSIONAL - REGULAR EXAMINATION - DEC**  
**2024**

**PHARMACOLOGY - PAPER - II**

TIME : 3 Hrs Max. Marks : 100 Marks (80 Theory + 20 MCQs)

NOTE:

Attempt all questions.

This question paper consists of two sections: Section A- Multiple Choice Questions and Section B- Theory Questions.

Both the section has different paper code. Write correct paper code on respective sheet

Write correct MCQ paper set on OMR sheet

Answer MCQs on the provided OMR sheet and theory questions on the provided answer booklet.

**SECTION B - THEORY QUESTIONS**

PAPER CODE : 2412230005

1. Long Answer Question: Classify anti-malarial drugs; mechanism of action and pharmacological actions of chloroquine; therapeutic uses and adverse effects of chloroquine; advantages and pharmacological rationale of ACT therapy; management of cerebral malaria.
2. Clinical Case Scenario: A 60 year old male with severe chest pain, sweating and ECG features of MI; investigations showed raised LDL.
  - a) Discuss the drug therapy in myocardial infarction. (5 marks)
  - b) Classify hypolipidemic agents. (5 marks)
  - c) Discuss in detail the mechanism of action, uses and adverse effects of statins. (5 marks)
3. Short Note Question (Within 500 Words):
  - a) Hormone replacement therapy in menopause
  - b) Write on the mechanism of action, uses and adverse effects of Metformin
  - c) Mechanism of action, uses & management of adverse effects of Methotrexate
  - d) List out the antiplatelet agents and elaborate on their uses with rationale
  - e) Therapeutic uses and adverse effects of Amphotericin B
4. Short Answer Questions (Within 100 Words):
  - a) Treatment of acne vulgaris
  - b) Clinical uses of uterine relaxants
  - c) Post exposure prophylaxis (PEP) of HIV infection
  - d) Differentiate the mechanism of action of Spironolactone and Amiloride and what are their therapeutic uses
  - e) Fluoroquinolones and their therapeutic uses