

ATAL BIHARI VAJPAYEE MEDICAL UNIVERSITY, UTTAR PRADESH
MBBS DEGREE - IInd PROFESSIONAL - SUPPLEMENTARY EXAMINATION - APRIL 2025
PHARMACOLOGY - PAPER - II

TIME : 3 Hrs

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

NOTE:

1. Attempt all questions.
2. This question paper consists of two sections: Section A - Multiple Choice Questions and Section B - Theory Questions.
3. Both sections have different paper codes. Write correct paper code on respective sheet.
4. Write correct MCQ paper set on OMR sheet.
5. Answer MCQs on the provided OMR sheet and theory questions on the provided answer booklet.
6. Any attempt to use unfair means will result in disqualification.

SECTION B - THEORY QUESTIONS

PAPER CODE : 2522230005

Q.1 Long Answer Question **15 MARKS**

Write an essay on antihypertensive agents. Discuss mechanism of action, adverse effects, drug interactions and contraindications of ACE inhibitors.

Q.2 Clinical Case Scenario based Structured Question **15 MARKS**

A person developed generalized edema. A diuretic reduced edema but caused weakness, arrhythmia and hypokalemia. Answer:

- i) What is the most probable drug prescribed? 2 marks
- ii) Write pharmacological aspects of loop diuretics. 3 marks
- iii) Write two osmotic diuretics. 2 marks
- iv) Write four classes of diuretics based on site of action. 3 marks
- v) Write pharmacology of thiazide diuretics. 5 marks

Q.3 Short Note Question (Within 500 Words) **5 x 6 = 30 MARKS**

- i) Management of myocardial infarction.

- ii) Haemopoietic drugs.
- iii) Proton pump inhibitors.
- iv) Calcium channel blockers.
- v) Antithyroid agents.

Q.4 Short Answer Questions (Within 100 Words)

5 x 4 = 20 MARKS

- i) Enumerate four Beta lactam antimicrobial classes.
- ii) Write in short Azithromycin.
- iii) Write in short about management of cerebral malaria.
- iv) Write note on zidovudine.
- v) Write note on general adverse effects of cancer chemotherapy.

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