

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

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 : 2521230005

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

- i) Write an essay on routes of drug administration. 5 marks
- ii) Describe oral route of drug administration in detail. 5 marks
- iii) Write the advantages and disadvantages of intravenous route of drug administration. 5 marks

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

A farmer was spraying insecticide. He was found semiconscious with froth, shallow respiration, cold wet body, feeble pulse and BP 70/40 mmHg.

- i) What is the most probable cause of this patient condition? 2 marks
- ii) Write general management of this case. 3 marks
- iii) Write antidote of organophosphate poisoning. 2 marks
- iv) Write four irreversible anticholinesterase compounds. 3 marks
- v) Write two reversible anticholinesterase compounds and their therapeutic uses. 5 marks

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

- i) Management of anaphylactic shock.
- ii) Bronchodilator agents.
- iii) Duties of a primary health care doctor.
- iv) Teratogenic drugs.
- v) Local anesthetic agent.

Q.4 Short Answer Questions (Within 100 Words)

5 x 4 = 20 MARKS

- i) Enumerate four drugs administered by intramuscular route.
- ii) Write in short preanesthetic medication.
- iii) Write in short about selective serotonin receptor inhibitors.
- iv) Write note on transdermal drug delivery system.
- v) Write note on H1 antihistamine drugs.

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