

QP CODE: 301326

Reg. No:

**Third Year Pharm D Degree Regular/Supplementary Examinations
October 2025
Pharmacology II**

Time: 3 Hours

Total Marks: 70

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essays

(3x10=30)

1. Explain the process of cell signaling.
2. Classify antiviral drugs. State the pharmacological actions, mechanism, adverse effects and uses of zidovudine.
3. Classify anti-neoplastic drugs. Explain the pharmacology, mechanism, adverse effects and drug interactions of pyrimidine antagonist.

Short notes

(8x5=40)

4. Parenteral anti-coagulants.
5. Anti-aquaretic action of vasopressin.
6. Monobactams.
7. Cell cycle regulators.
8. Classify anti-malarial drugs.
9. Cloning of human disease gene.
10. Transcription factors that regulate transcription in prokaryotes and eukaryotes.
11. Metronidazole.

CORRECTION / NO-CORRECTION FILE
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QPCODE: 301326

Dated: 13-10-2025

Question No.5

Corrected as "Anti-diuretic action of vasopressin."

Corrections/Modifications/Replacement of Questions if any shall be made available to all students. Take the print out of the Correction File in such cases and distribute to all students.

(Sd/-)

CONTROLLER OF EXAMINATIONS