

QP CODE: 301326

Reg. No:

**Third Year Pharm D Degree Supplementary Examinations
January 2024**

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. Classify immuno-suppressants. Write the pharmacological actions of tacrolimus.
2. Classify diuretics. Write the mechanism, pharmacological and adverse effects of thiazide diuretics.
3. Explain protein synthesis.

Short notes

(8x5=40)

4. Explain the treatment involved in hypovolemic shock.
5. Mapping of genes.
6. Anti-thrombotic drugs.
7. Adverse effects of macrolide and aminoglycoside antibiotics.
8. Eukaryotic DNA replication.
9. Altered gene functions.
10. Classify anti-fungal drugs.
11. Gene therapy and targeting.
