

QP CODE: 301326

Reg. No:

Third Year Pharm D Degree Examinations July 2018

Pharmacology II

Time: 3 Hours

Total Marks: 70

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essays

(3x10=30)

1. Classify diuretics. Discuss the mechanism, pharmacological action and uses of high ceiling diuretics.
2. What are aminoglycosides and give examples. Describe the mechanism and uses of streptomycin.
3. Explain gene transcription and discuss various factors that regulate it.

Short notes

(8x5=40)

4. Define fibrinolytics with examples. List out the various uses of fibrinolytics.
5. Beta lactamase inhibitors.
6. Immunostimulants and its applications.
7. Discuss the mechanism of protein synthesis.
8. Tumor suppressor gene.
9. Give examples, mechanism of action and uses of nucleoside reverse transcriptase inhibitors.
10. Discuss various sulfonamides used for special purposes.
11. Gray baby syndrome.
