

QP CODE: 301326

Reg. No:

Third Year Pharm D Degree Examinations June 2017

Pharmacology II

Time: 3 Hours

Total Marks: 70

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essays

(3x10=30)

1. Define antibiotics. Explain the general mechanism of action of various antibacterial agents. Discuss the pharmacology of penicillins.
2. Classify anti cancer drugs with suitable examples. Describe the mechanism of actions, therapeutic uses and adverse effects of paclitaxel. Add a note on hormones as anticancer drugs.
3. Define signal transduction. Mention various kinase pathways. Explain any two kinase pathways.

Short notes

(8x5=40)

4. Biosensors.
5. Treatment of TB as per WHO.
6. Mutation.
7. Haematinics.
8. Cell cycle regulators and modifiers.
9. Recombinant technology and its application.
10. Mechanism of actions of acetazolamide, vasopressin and rifampicin
11. Classify anti leprotic drugs and discuss about dapsone.
