

Q.P. Code: 503326

Reg. no.:

Fifth Year Pharm D Degree Examinations June 2018

Clinical Pharmacokinetics and Pharmacotherapeutic Drug Monitoring

Time: 3 Hours

Total Marks: 70

- Answer all questions
- Draw diagrams wherever necessary

Essays:

(3x10=30)

1. Explain in detail about pharmacokinetic drug –drug Interactions
2. Explain the protocol for therapeutic drug monitoring and add a note on importance of biliary clearance of a drug
3. Discuss about the various approaches for dose adjustments for renal failure patients.

Short notes:

(8x5=40)

4. TDM of valproate
5. Applications of pharmacokinetic in clinical setting.
6. Therapeutic drug monitoring of digoxine.
7. Nomogram
8. Altered pharmacokinetics and pediatrics.
9. Drugs to cause clinically significant hepatic dysfunctions
10. Genetic polymorphism.
11. How to convert intravenous dosing to oral dosing.
