

QP Code: 105328

Reg No:

First Year M.Pharm Degree Supplementary Examinations– March 2014
(2011 Scheme)

(Pharmacology)

Paper I – Pharmacological Screening Methods & Drug Development

Time: 3 hrs

Maximum Marks: 100

- *Answer all questions*
- *Draw diagrams wherever necessary*

Essays:

(2x20 =40)

1. Describe the techniques involved in screening of • Anti cancer drugs and • Anti hypertensive agents
2. What are the contributions of pharmacokinetic models in drug development. Elaborate non linear pharmacokinetics.

Short Essays :

(6x10=60)

3. Discuss on CPCSEA guidelines.
4. Discuss phase III and phase IV clinical trials
5. Discuss high throughput screening
6. Explain the ELISA test in detail
7. Explain latin square design bioassay.
8. Describe briefly null hypothesis. Explain student's 't' test.
