

QP Code: 105329

Reg No:

First Year M.Pharm Degree Examinations August 2017

Paper I- Advanced Pharmaceutical Analysis

Time: 3 hrs

Maximum Marks: 100

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

Essays:

(2x 20 =40)

1. Describe in detail on analysis of formulations containing steroids with suitable examples
2. Explain identification and quantification tests for preservative and antioxidants used in pharmaceutical formulations (10+10)

Short Essays

(6 x10 =60)

3. Enlist general methods of quality control tests for capsules described in Indian pharmacopoeia
4. Describe in detail on radioimmunoassay with two examples
5. Give applications of 3-methyl-1,2-benzothiazoline hydrazine hydrochloride in pharmaceutical analysis
6. What are toxoids. Discuss the techniques employed for their analysis
7. Describe validation and calibration procedures for a HPLC unit
8. How do esters and amine functional groups are estimated.
