PY - 803

B.Pharmacy VIII Semester

Examination, June 2014

Pharmaceutical Analysis - III

Time : Three Hours

Maximum Marks : 70

Note: Attempt any five questions. All questions carry equal marks.

1. Describe the principle involved in UV/ visible spectrometry. Write the procedure for estimation of any drug using UV/ visible spectrometry.

2. Write in detail the development of stability indicating assay procedure using suitable examples.

3. What is the necessity of validation of analytical method? Describe the parameters of validation with reference to pharmacopoeial requirements.

4. Discuss the significance of moisture content analysis in drug and dosage forms. How the moisture content is estimated.

5. What is the principle involved in non aqueous titration? Describe the estimation of sodium aminosalicylate.

6. Explain in detail the development of new analytical method for dosage forms using HPLC.

7. Describe the principle involved in bromometry. Write the procedure of estimation of Isoniazid tablets.

8. Write short notes on any two of the following:
   a) Limit test
   b) Monographs in Indian pharmacopoeia
   c) ICH guidelines for impurities in drugs.