Total No. of Questions : 8] *[Total No. of Printed Pages : 2*

Roll No .....

PY-803

B.Pharmacy VIII Semester

Examination, June 2017

Pharmaceutical Analysis - III

Time : Three Hours

Maximum Marks : 70

Note : i) Answer any five questions.
ii) All questions carry equal marks.

1. Enumerate the steps for the development of UV visible spectrophotometry method for single and two component system.

2. Describe the validation parameters of analytical method with reference to pharmacopoeial requirements.

3. How are water purification system qualified and validated.

4. Discuss the significance and procedure for moisture content analysis in drugs and dosage forms.

5. Discuss the validation of UV spectrophotometer as per Indian Pharmacopoeia.

6. What is Quality Control Testing? Give different parameters used for quality control in tablet as per IP.

7. Discuss in detail about good laboratory practice.

8. Answer any four of the following:
   a) Discuss the principle and specific requirement of derivatives spectroscopy.
   b) Explain any two method for the development of new analytical method for dosage form using HPLC.
   c) Give any one monograph of tablet in Indian Pharmacopoeia.
   d) Write the procedure for estimation of any drug using UV/visible spectrophotometry.
   e) How are residual solvent classified by risk assessment as per ICH guidelines.
   f) Give any two examples of drug which are developed by titrimetry method.

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