

PY-403

B. Pharm. (Fourth Semester)

EXAMINATION, June, 2012

(Grading/Non-Grading)

PHARMACEUTICAL ANALYSIS-I

rgpvonline.com (PY-403)

Time : Three Hours

Maximum Marks : 70

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

1. Write theoretical principles of acid-base titration. Give the methods for determination of organically combined Nitrogen.
2. Give the concepts of Redox titrations. Write the preparation and standardization of redox titrants.
3. Write preparation, standardization and applications of Silver nitrate and Ammonium thiocyanate.
4. Discuss the fundamental of Gravimetry. Give the reagents and techniques used in gravimetry.
5. Write short notes on any *two* of the following :
 - (a) Solvent used in nonaqueous titrations
 - (b) Theory of complexometric analysis
 - (c) PM indicators

6. Write short notes on any *two* of the following :

- (a) Conductometry
- (b) Potentiometry
- (c) Amperometry

7. Write short notes on any *two* of the following :

- (a) Diazotization
- (b) Karl-Fisher titrations
- (c) Polarography

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