

B. Pharmacy (3rd Semester)
Examination, Nov.-Dec., 2015

(New Scheme)

Pharmaceutical Analysis - I

Time Allowed : 3 hours

Maximum Marks : 70

Note : (i) Attempt any five questions.

(ii) All questions carry equal marks.

- (a) What is end point? Explain theory of indicators.

(b) What is neutralization curve? Explain acid-base titration with suitable example.
- What do you understand by gravimetric analysis? Explain important technique of gravimetric analysis in order to get accurate quantitative estimation. CSVTUonline.com
- (a) Write in brief non-aqueous titration.

(b) Discuss preparation and standardization of 0.1M perchloric acid.

(Turn Over)

- Write notes on any *three* :

 - Type of errors in analytical chemistry
 - Common ion effect
 - Precision and accuracy
 - Primary and secondary standards
- Discuss complexometric titration and its types. Write a note on masking and demasking agents.
- What is precipitation titration? Write the different methods used for detection of end points in precipitation titration. CSVTUonline.com
- Write notes on any *three* :

 - Standardization of 0.05M disodium EDTA
 - Standardization of AgNO₃ solution
 - Law of mass action
 - Co- and post-precipitation