

[LC 805]

APRIL 2013

Sub. Code: 3805

DOCTOR OF PHARMACY (PHARM. D) DEGREE EXAMINATION**FIRST YEAR****PAPER V – PHARMACEUTICAL INORGANIC CHEMISTRY***Q.P. Code: 383805***Time: Three Hours****Maximum: 100 marks****Answer All questions****I. Elaborate on:****(2 x 20 = 40)**

1. a) Explain about the dental products that have studied?
b) Give the preparation, Identification tests, assay and medicinal uses of any two antacids.
2. a) Explain the theory of indicators.
b) Write the principle and methods involved in the precipitation titration.

II. Write notes on:**(10 x 6 = 60)**

1. Define the term antidote and write about any one antidote used for cyanide poisoning.
2. Write the Preparation and standardisation of perchloric acid.
3. What is complexometric titration and explain its principle.
4. Explain about the Electrolyte combination therapy.
5. What are the various experimental techniques of gravimetric analysis
6. Write the preparation and assay of Boric acid.
7. Describe the theory of redox titration.
8. Give the storage condition for oxygen, carbondioxide and nitrous oxide.
9. Explain the various types of errors in quality control.
10. Give an account on Dentifrices.
