

PHARM. D DEGREE EXAMINATION
(2009-2010 Regulation)
FIRST YEAR
PAPER V – PHARMACEUTICAL INORGANIC CHEMISTRY

Q.P. Code : 383805

Time : Three hours

Maximum : 70 Marks

I. Elaborate on:

(4 x 10 = 40)

1. Define Limit test and classify it. Draw a neat diagram of Arsenic limit test apparatus & explain the method and principle behind it.
2. Define Non-aqueous titration. Describe the various solvents involved in Non-aqueous titration? How can you standardize of 0.1N Perchloric acid?
3. Write briefly on Electrolyte Balance and discuss on the Official Preparations of Sodium chloride as electrolyte.
4. Write the preparation, assay, storage and medicinal uses of Oxygen. Add a note on Storage and Labeling procedures for Carbon dioxide and Nitrous oxide.

II. Write notes on:

(6 x 5 = 30)

1. Write about the Anticaries agent and Dentifrices. Add a note on Sodium fluoride.
2. Define Expectorants with examples. Write a note on Ammonium chloride.
3. Write about the Milk of Magnesia and Magnesium sulphate.
4. Define Essential and Trace ions. Write about the physiological role of Iron and Copper.
5. Write a note on Theory of indicators.
6. Write the principle involved in the Precipitation titration.
