

QP CODE: 105326

Reg. No:

**First Year Pharm D Degree Supplementary Examinations
December 2017
Pharmaceutical Inorganic Chemistry**

Time: 3 Hours

Total Marks: 70

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essay

(3x10=30)

1. What is non aqueous titration. Discuss the types of solvents for non-aqueous medium and explain the types of non-aqueous titration.
2. Define and classify antacids with examples and mention the medicinal uses of sodium bicarbonate, magnesium trisilicate and magnesium hydroxide oral suspension.
3. What are the different types of errors and explain the types of systematic errors and procedure for minimizing the systematic errors.

Short notes:

(8x5=40)

4. Define antimicrobial, disinfectant and antiseptics and add a note on chlorinated lime.
5. Explain modified volhard method with reactions.
6. The test for purity, storage and uses of nitrous oxide.
7. Explain the physiological role of zinc and selenium.
8. Explain the theory of acid base titration with examples.
9. The test for purity, storage and uses of sodium metabisulphite.
10. What are the official preparations of sodium chloride and mention its uses.
11. What are dentifrices. Mention the medicinal uses of strontium chloride and dibasic calcium phosphate.
