

QP CODE: 105326

Reg. No:

First Year Pharm D Degree Examinations July 2019

Pharmaceutical Inorganic Chemistry

Time: 3 Hours

Total Marks: 70

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essays

(3x10=30)

1. Explain the principle, reaction and procedure involved in the limit test of iron and sulphates.
2. Explain the different types of precipitation titrations
3. What are neutralization titration and explain the theories of acid base concept

Short notes:

(8x5=40)

4. Explain electrolyte combination therapy
5. Explain the role of flourides as anti anticaries agents
6. What are acidifiers. Explain the test for purity, identification test and medicinal uses of sodium phosphate and ammonium chloride
7. What is standard solution, primary standard and secondary standard and explain the requirements for the substances used as primary standard.
8. What are masking and demasking agents in complexometric titration and give some examples.
9. Explain why boric acid cannot be directly titrated against alkali. Mention the medicinal uses of boric acid.
10. Explain the different types of errors
11. Explain the physiological role of iron
