

First Year Pharm D Degree Supplementary Examinations - February 2015

Pharmaceutical Inorganic Chemistry

Time: 3 Hours

Total Marks: 70

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essay

(3x10=30)

1. Discuss the principle and procedure involved in the limit test for iron, explaining the role of each reagent used.
2. Explain the mode of action of inorganic antimicrobials agents. Mention the typical properties of silver compounds as antimicrobials
3. Discuss the different types of redox titrations with examples

Short notes:

(8x5=40)

4. What is the mechanism of fluoride ions as anti caries agents.
5. Explain the method of preparation, assay and medicinal uses of potassium iodide
6. What precautions have to be taken while handling radiopharmaceuticals.
7. What are acidifiers and alkalisers. Explain its role as pharmaceutical aids
8. Define and classify errors with examples
9. Theory of indicators in acid-base titrations"
10. Explain the principle involved in the assay of sodium bicarbonate
11. What are the ideal requirements of an antacid. How do you evaluate antacid property in-vitro.
