

First Year Pharm D Degree Examinations - June 2016

Pharmaceutical Inorganic Chemistry**Time: 3 Hours****Total Marks: 70**

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essay**(3x10=30)**

1. Classify antacids with one example each class. Mention any four ideal characters of an antacid. Mention one method of preparation of sodium bicarbonate.
2. Define limit test. Discuss the principle involved in the limit test for arsenic with suitable diagrams and reactions.
3. Define antidotes and classify antidotes with one example each. Mention one method of preparation each for sodium nitrite and sodium thiosulphate.

Short notes:**(8x5=40)**

4. Explain Fajan's method of precipitation titrations.
5. Mention the medicinal uses of each of the following:
 - Potassium iodide •Sodium acetate • Boric acid
 - Magnesium sulphate •Calcium Carbonate
6. Method of preparation and uses of oxygen and carbon dioxide.
7. Define dentifrices. Classify dental products with one example each class.
8. Mention the important precautions for handling radiopharmaceutical products.
9. Classify different types of errors encountered in volumetric analysis.
10. Briefly explain the quinonoid theory of indicators.
11. Explain any one method of preparation, assay and use of hydrogen peroxide.
