

Code No: R7-103-BP



B. Pharmacy I Year Regular Examinations, June 2009
PHARMACEUTICAL INORGANIC CHEMISTRY

Time: 3 hours

Max. Marks: 80

Answer any FIVE questions
All questions carry equal marks

1. Explain about the various sources of impurities, quality control in pharmaceutical substances. [16]
2. Write the method of preparation, assay and uses of sodium acetate and dibasic calcium phosphate. [16]
3. Explain in detail about the preparation, Assay, tests of purity and uses of dried aluminium hydroxide gel and aluminium hydroxide gel. [16]
4. a) What are the sources of impurities in pharmaceuticals?
b) Describe in detail the limit test for iron and write the chemical reactions. [8+8]
5. Write an essay on expectorants and its role in pharmaceutical applications. [16]
6. How do you prepare Boric acid from Borax? Write the principle involved in the assay of Boric acid and its applications. [16]
7. Give any two examples of Oral antiseptics and Astringents with detailed assay principle and uses. [16]
8. Explain about the orthopedic cast and limitations of Plaster cast. [16]