

Code No: B1105/R10

R10**I B.Pharmacy I Semester Supplementary Examinations, Feb/Mar 2014**
PHARM. INORGANIC CHEMISTRY-I**Time: 3 hours****Max Marks: 75****Answer any FIVE Questions**
All Questions carry equal marks

1. Write the classification of inorganic Pharmaceuticals based on their therapeutic uses and applications. [15]
2. Explain the principle, method and construction of apparatus of limit test for arsenic. [15]
3. (a) Write the biological importance of calcium.
(b) Write the method of preparation, uses and assay of calcium chloride. [5+10]
4. Explain the principle and procedure involved in the assay of
 - (a) Dibasic calcium phosphate
 - (b) Sodium citrate
 - (c) Sodium chloride [3x5=15]
5. Write short notes on principle & procedure involved in :
 - (a) Aluminium hydroxide gel
 - (b) Ferrous sulphate
 - (c) Iodine [3x5=15]
6. (a) What are the ideal requirements of an antacid?
(b) Discuss assay, test for purity, storage condition of milk of magnesia. [6+9]
7. Write the preparation, assay and uses of
 - (a) ferric ammonium citrate
 - (b) iron and dextran injection. [7+8]
8. (a) What are excipients? Give examples.
(b) How swelling factor of bentonite is carried out?
(c) Define suspending agent with examples. [5+5+5]
