

I B.Pharmacy I Semester Supplementary Examinations, Aug. 2015
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 (with chemical equations) involved in the limit test for
 - (a) Arsenic
 - (b) lead
 - (c) Iron
 - (d) Chloride
 - (e) Sulphate[4+4+3+2+2]
3. (a) What is meant by electrolyte replacement therapy? Explain about the sodium and potassium replacement.
(b) Write the method of preparation, uses and assay of sodium chloride. [7+8]
4. Explain the principle and procedure involved in the assay of
 - (a) Dibasic calcium phosphate
 - (b) Sodium citrate
 - (c) Sodium chloride[3x5=15]
5. (a) Define acidifiers and, classify with examples.
(b) Write the preparation and uses of dilute HCl.
(c) Combination therapy of antacids [4+5+6]
6. Discuss preparation, assay and uses of magnesium trisilicate and of calcium carbonate. [15]
7. Write short notes on
 - (a) Titanium dioxide and ferric oxide.
 - (b) Aluminium stearate
 - (b) Bentonite
 - (d) Calcium carbonate[4+4+4+3]
8. Write the method of preparation, of dibasic calcium phosphate, tribasic calcium phosphate and magnesium stearate [5+5+5]
