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Code No: B1105/R10

I B.Pharmacy I Semester Supplementary Examinations, Aug. 2015 PHARM. INORGANIC CHEMISTRY-I

Time: 3 hours

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
- 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 3. Her.c

- (a) Dibasic calcium phosphate
- (b) Sodium citrate
- (c) Sodium chloride
- 5. (a) Define acidifiers and, classify with examples.
 - (b) Write the preparation and uses of dilute HCl.
 - (c) Combination therapy of antacids
- 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
 - [4+4+4+3](d) Calcium carbonate
- 8. Write the method of preparation, of dibasic calcium phosphate, tribasic calcium phosphate and magnesium stearate [5+5+5]

 $\mathbf{R10}$

Max Marks: 75

[4+4+3+2+2]

[3x5=15]

[4+5+6]