

[LH 805]

OCTOBER 2015

Sub. Code: 3805

PHARM. D DEGREE EXAMINATION**(2009-2010 Regulation)****FIRST YEAR****PAPER V – PHARMACEUTICAL INORGANIC CHEMISTRY*****Q.P. Code : 383805*****Time: Three Hours****Maximum: 70 marks****Answer ALL questions****I. Elaborate on :****(4 x 10 = 40)**

1. Define the term Pharmaceutical Aids with suitable examples.
2. What is Non - Aqueous titration? Explain its principle with suitable example.
List out solvent used in the Non-Aqueous titration.
How will you prepare and standardize the 0.1N Perchloric acid?
3. Explain the theory of precipitation titrations.
Describe the principle involved in modified Volhard's method with example.
4. What are Electrolytes? Write its essential function in the body.
Give note on acid-base regulators.

II. Write notes on :**(6 x 5 = 30)**

1. What is Cerimetry? Explain its advantages over other oxidizing agents.
2. Henderson - Hasselbalch equation.
3. Limit test for arsenic.
4. What is acidifiers and antacid? Give examples.
5. Note on Radio Pharmaceuticals.
6. Name the titration for the following compounds:
 - (a) Ammonium chloride.
 - (b) Copper sulphate.
 - (c) Barium sulphate
 - (d) Sodium benzoate.
 - (e) Calcium gluconate.
