

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[LN 805]

AUGUST 2018

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

I. Elaborate on:

(4 x 10 = 40)

1. Define Acidifiers and explain the term “Achlorhydria”. Give the preparation, assay and medicinal uses of Ammonium chloride.
2. List out various volumetric methods and explain back titration with example.
3. What are Antimicrobials? Write the preparation and assay of chlorinated lime and Boric acid.
4. Write in detail the preparation, properties, identification tests, assay and uses of Oxygen.

II. Write notes on:

(6 x 5 = 30)

1. What is Ceriometry? Explain its advantage over other oxidizing agents.
2. Write the principle involved in the limit test for Iron.
3. Explain the physiological role of Calcium and Potassium.
4. Write notes on masking and demasking agents.
5. Write notes on radio opaque contrast media.
6. Define Sedatives. Write the preparation and assay of Potassium bromide.
