

[KV 805]

SEPTEMBER 2009

Sub. Code: 3805

DOCTOR OF PHARMACY (PHARM. D) DEGREE EXAMINATION**(Regulations 2008-2009)****(Candidates admitted from 2008-2009 onwards)****FIRST YEAR****PAPER V – PHARMACEUTICAL INORGANIC CHEMISTRY*****Q.P. Code: 383805*****Time: Three Hours****Maximum: 70 marks****Answer ALL questions****I. Elaborate on:****(2 x 20 = 40)**

1. a) Describe the various sources of impurities in pharmaceutical substances.
b) What is cerimetry? Explain its advantage over other oxidizing agents.
c) List out various volumetric methods and explain back titration with example.
2. a) What is complexometric titrations. Explain its principle with suitable examples.
b) Explain the various theories of indicators.
c) Describe the principle and procedure involved in the limit test for Iron.

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

1. What are antacid?
Classify them with examples.
Give the method of preparation of any one of them.
2. Explain the role of fluorides as anti caries agent.
3. Define the following terms:
 - a) Cathartics.
 - b) Disinfectant.
 - c) Aantiseptic.
 - d) Astringent.
 - e) Dentrित्रices.
4. Write the composition of Ringer's solution. Explain its importance.
5. Describe the principle involved in modified volhard's method with example.
6. Write short notes on pharmaceutical ai
