

[KW 805]

MARCH 2010

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 principle and procedure involved in conducting limit test for arsenic with neat diagram.
- b) List out various volumetric methods. Explain redox titration with suitable example.
- c) What are cathartics? Give examples.
Give the method of preparation of any one of them.
2. a) What is gravimetric method?
Explain the various steps involved in it with example.
- b) What is non aqueous titration?
Explain its principle with suitable example.
- c) What are antimicrobials? List out various official preparation.
Explain the assay of any one of them.

II. Write notes on:

(6 x 5 = 30)

1. Write any one method to measure radio activity.
2. Write short notes on masking and demasking agents.
3. What are dentritrices? List out the official compounds.
4. List out various official compounds of iodine.
Give the principle involved in the assay of weak iodine solution.
5. Give the principle and reaction involved in the preparation of boric acid and magnesium sulphate.
6. Write a note pharmaceutical importance of medicinal gases.
