

[LF 805]

OCTOBER 2014

Sub. Code: 3805

DOCTOR OF PHARMACY (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. What are Expectorants? How do they act?
Discuss the role of Ammonium chloride as respiratory stimulants.
2. What is Gravimetric titration?
Explain the various steps involved in it with example.
3. What is Complexometric titration? What are its application?
Explain about the masking and demasking agents.
4. Discuss about Electrolyte replenishers and composition of ORS.

II. Write notes on:

(6 x 5 = 30)

1. Explain the theory of indicator.
2. What are antacids? Classify them. What are the factors for choice ideal antacids?
3. What are antimicrobial? Write its mechanism of action with suitable example.
4. Define the following terms with one inorganic compound as in use.
 - a) Disinfectant.
 - b) Anti neoplastic agent.
 - c) Sedatives.
 - d) Anti rheumatics.
 - e) Emetics.
5. Medicinal gases uses and storages.
6. Write note on Radio pharmaceuticals.
