

[LM 805]

MAY 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. What is Non-Aqueous Titration? Write the types of solvents used in Non-Aqueous Titration with examples.
2. Explain in detail about different types of Complexometric titrations with examples.
3. Explain the properties of Alpha, Beta and Gamma Rays. What are the clinical applications of Radio isotopes?
4. Explain on physiological acid-base balance and its importance. Discuss briefly on any five electrolytes used in acid-base imbalance.

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

1. Explain the role of fluorides as anti caries agent.
2. What are respiratory stimulant? Give the preparation and uses of Ammonium carbonate.
3. Write note on pharmaceutical importance of medicinal gases.
4. Write about acid neutralizing capacity of antacids.
5. Explain the principle and procedure involved in the limit test for Arsenic with a neat labelled diagram.
6. Define antidote and write a note on Sodium nitrite.

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