

**Subject Code: B13201/R13****I B. Pharmacy II Semester Regular/Supply Examinations July - 2015****PHARMACEUTICAL INORGANIC CHEMISTRY****Time: 3 hours****Max. Marks: 70**

Question Paper Consists of **Part-A** and **Part-B**  
Answering the question in **Part-A** is Compulsory,  
Three Questions should be answered from **Part-B**

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**PART-A**

- (a) What are the common impurities and their sources?  
(b) Write the composition and uses of Ringer solution.  
(c) What are the uses of activated charcoal, talc and titanium dioxide?  
(d) Enlist inorganic colorants. Discuss briefly any one colorant.  
(e) Write a note on mouthwashes.  
(f) Briefly explain structure and uses of one inorganic diagnostic agent.

[4+4+3+4+4+3]

**PART-B**

- (a) Discuss the limit test for sulphates.  
(b) Explain the testing methods for purity of arsenic. [8+8]
- Define antacid. Explain the preparation, neutralizing capacity and assay of aluminium hydroxide gel. [16]
- (a) Explain the preparation, test for identity, alkalinity test, assay and uses of zinc oxide.  
(b) Describe the preparation, description, stability test, assay and uses of hydrogen peroxide. [8+8]
- Explain preparation, description, assay and uses of ferrous gluconate and ferrous fumarate. [16]
- Explain preparation, description, test for purity, assay and uses of dibasic calcium phosphate. [16]
- Discuss the structure, properties and uses of the following.
  - Potassium perchlorate
  - Sodium antimonygluconate [8+8]

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