

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**

PART-A

1. (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

2. (a) Discuss the limit test for sulphates.
- (b) Explain the testing methods for purity of arsenic. [8+8]
3. Define antacid. Explain the preparation, neutralizing capacity and assay of aluminium hydroxide gel. [16]
4. (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]
5. Explain preparation, description, assay and uses of ferrous gluconate and ferrous fumarate. [16]
6. Explain preparation, description, test for purity, assay and uses of dibasic calcium phosphate. [16]
7. Discuss the structure, properties and uses of the following.
 - (a) Potassium perchlorate
 - (b) Sodium antimonygluconate

[8+8]
