

Code: 15R00106

**R15**

B.Pharm I Year I Semester (R15) Supplementary Examinations June 2017

**PHARMACEUTICAL INORGANIC CHEMISTRY**

Time: 3 hours

Max. Marks: 70

**PART – A**  
(Compulsory Question)

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- 1 Answer the following: (10 X 02 = 20 Marks)
- (a) Give the application of sodium chloride.
  - (b) What are the reagents used in limit test for iron?
  - (c) Define molarity.
  - (d) Give example for acid base indicator.
  - (e) What is argentometry.
  - (f) What is common ion effect?
  - (g) What are dental products?
  - (h) What are pharmaceutical aids?
  - (i) Give example for expectorant.
  - (j) What is primary standard?

**PART – B**  
(Answer all five units, 5 X 10 = 50 Marks)**UNIT – I**

- 2 Explain the principle of Arsenic limit test with reaction.
- OR**
- 3 What are the various sources of impurities in pharmaceuticals? How will you minimize that?

**UNIT – II**

- 4 What is Non-aqueous titration? Write the preparation and standardization of 0.1M perchloric acid.
- OR**
- 5 What are the different types of complexometric titrations? Write about pM indicator.

**UNIT – III**

- 6 Give the method of preparation, properties and uses of potassium chloride.
- OR**
- 7 Discuss the role of fluoride in dental caries.

**UNIT – IV**

- 8 Write the preparation and assay of Magnesium stearate and Boric acid.
- OR**
- 9 Give method of preparation and assay of Hydrogen peroxide and zinc oxide.

**UNIT – V**

- 10 What are antacids? Give the classification of antacid? What are the ideal qualities of an ideal antacid?
- OR**
- 11 What are expectorant and emetics? Discuss expectorant properties of Ammonium chloride.

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