

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)

1 Answer the following: (10 X 02 = 20 Marks)

- Give the application of sodium chloride.
- What are the reagents used in limit test for iron?
- Define molarity.
- Give example for acid base indicator.
- What is argentometry.
- What is common ion effect?
- What are dental products?
- What are pharmaceutical aids?
- Give example for expectorant.
- 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.
