

Code: 9R01102

R09

B.Pharm I Year (R09) Supplementary Examinations June 2018

PHARMACEUTICAL INORGANIC CHEMISTRY

(For 2009 (LC), 2010, 2011, 2012 regular & 2011 (LC), 2012, 2013 lateral admitted batches only)

Time: 3 hours

Max. Marks: 70

Answer any FIVE questions
All questions carry equal marks

- 1 What are the various sources of impurities? Describe them with examples.
- 2 (a) Explain the principle and reactions involved in the limit test for arsenic.
(b) Give various qualitative tests for chloride, sulphate and citrate.
- 3 Write the preparation, assay & uses of any two systemic antacid compounds.
- 4 Write short notes on the following:
 - (a) Haemodialysis fluids.
 - (b) Oral rehydration salt (ORS)
 - (c) Assay of magnesium hydroxide.
- 5 (a) Write the preparation & uses of ferrous sulphate.
(b) Give the preparation & assay of zinc oxide.
- 6 Write short notes on:
 - (a) Expectorants.
 - (b) Emetics.
- 7 (a) What are pharmaceutical acids? Explain in detail about suspending agents.
(b) Write the preparation & assay of sodium thiosulphate.
- 8 (a) Write a note on dentifrices.
(b) Give the preparation & assay of hydrogen peroxide.
