

FACULTY OF PHARMACY**B. Pharmacy I-Year (Main & Backlog) Examination, June 2011****PHARMACEUTICAL INORGANIC CHEMISTRY**

Time : Three Hours]

[Maximum Marks 70

Note Answer **ALL** questions. All questions carry equal marks.

1. (A) (i) Explain the principle and procedure involved in the limit test for iron. 8
(ii) Give the two characteristic tests for sodium and calcium. 6

OR

- (B) (i) Classify Pharmaceutical Inorganic compounds based on their applications with examples. 8
(ii) Give the principle and procedure involved in the limit test for Heavy metals. 6

2. (A) (i) Give the preparation, properties and uses of sodium citrate and Ammonium chloride. 10
(ii) Write a brief note on intraperitoneal dialysis of fluids. 4

OR

- (B) (i) What are laxatives ? Give the principle and procedure involved in the Assay of Magnesium Sulphate. 8
(ii) Give the preparation, test for purity and uses of Magnesium oxide. 6

3. (A) (i) What are Haematinics 2 Give the preparation test for purity and uses of Ferric ammonium citrate. 8
(ii) Write a brief note on Activated charcoal. 6

OR

- (B) (i) Define Desiccants with examples. Give the preparation, properties, test for purity of Silica gel. 8
(ii) Write a note on Bentonite. 6

4. (A) (4. What are expectorants ? Give the preparation, tests for purity and assay of Potassium Iodide. 8

(ii) Write a note on Inhalants. 6

OR

(B) (i) Give the method of preparation and uses of :

(a) Potassium Antimony Tartrate

(b) Thiosulphate

(c) Zinc Sulphate. 9

(ii) Write a note on emetics. 5

5. (A) (i) Write a note on Diagnostic agents. 5

(ii) Give the principle and procedure involved in the assay of :

(a) Silver nitrate

(b) Zinc oxide

(c) Bismuth subcarbonate. 9

OR

(B) (i) Give the method of preparation and uses of Potassium Permanganate and Cisplatin. 8

(ii) Write a note on oral antiseptics. 6