

Code No.: 6502

FACULTY OF PHARMACY

B. Pharmacy I Year (Supplementary) Examination, November/December 2011

PHARMACEUTICAL INORGANIC CHEMISTRY

Time : 3 Hours]

[Max. Marks : 70

Answer all questions.
All questions carry equal marks.

1. (a) (i) Explain the principle and procedure involved in the limit test for Heavy metals. 8
(ii) Give the two characteristic tests for two anions and two cations. 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 sulphates and chlorides. 6
2. (a) (i) Give the preparation, properties and uses of magnesium hydroxide and calcium carbonate. 10
(ii) Write a brief note on Acid base regulators. 6

Or

- (b) (i) What are Adsorbents? Write a note on Light Kaolin. 6
(ii) Give the principle and procedures involved in the assay of (A) Calcium gluconate (B) Magnesium Oxide.
3. (a) (i) What are suspending agents? Write a note on Bentonite. 7
(ii) Write a note on Excipients. 7
- (b) (i) Write the preparation and uses of Sodium metabisulphite and Sodium Phosphate. 6
(ii) Write a brief note on purified water. 8

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4. (a) (i) What are expectorants? Give the preparation, tests for purity and essay of Ammonium Chloride. 8

(ii) Write a note on Inhalants. 6

Or

(b) (i) Write the preparation properties and uses of Sodium Thiosulphate and copper sulphate. 8

(ii) Give the principle and procedure involved in the Assay of Potassium Antimonyl Tartrate. 6

5. (a) (i) Write a note on Antidepressants? 6

(ii) Give the preparation and uses of 9

(A) Calcium phosphate.

(B) Barium Sulphate.

(C) Potassium bromide

Or

(b) (i) Write the principle and procedure involved in the assay of boric acid and Zinc oxide. 8

(ii) Write a note on Dentifrices. 6

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