Code No. 1165

FACULTY

B. Pharmacy I Year (Suppl.) Examination, April 2018

Subject : Pharmaceutical Inoranic Chemistry

Time : 3 Hrs **Max. 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 Arsenic with a neat labeled diaram. (8)
(ii) ive two characteristic tests for any one cation and anion with chemical reactions. (6)

OR

(b) (i) Explain in detail the srces of impurities in pharmaceuticals. (10)
(ii) Mention the principle and procedure involved in the limit test for Iron. (4)

2 (a) (i) What are electrolyte replenishers? Write the method of preparation, assay and uses of sodium chloride and calcium luconate. (1+4+4)
(ii) Write a note on hemodialysis fluids. (5)

OR

(b) (i) Mention the method of preparation, assay and tests for purity of manesium sulphate and aluminum hydroxide el. (4+4)
(ii) What are adsorbents? Write a note on Liht Kaolin. (6)

3 (a) Mention the method of preparation, properties and uses of (5+4+5)
(i) Ferrs sulphate (ii) Sodium sulphite
(iii) Manesium stcarate

OR

(b) (i) What are suspendin aents? Write a note on Bentonite. (1+6)
(ii) Explain abt Desiccants. (7)

4 (a) (i) What are expectorants? Mention the preparation, properties and assay on ammonium chloride. (1+5)
(ii) Write a brief note on Inhalants. (8)

OR

(b) ive the preparation, properties, and uses of (4+5+5)
(i) Sodium nitrite (ii) Potassium antimony tartarate
(iii) Copper sulphate

5 (a) (i) What are dentifrices? Explain the preparation, properties and assay of calcium carbonate. (1+5)
(ii) Write a note on Activated Dimethicone and zinc oxide. (4+4)

OR

(b) Mention the preparation, properties and uses of (5+4+5)
(i) Potassium permananate
(ii) Barium sulphate
(iii) Potassium bromide

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