Code No. 1061

FACULTY OF PHARMACY

B.Pharmacy I-Year (Supplementary) Examination, November 2017
Subject: Pharmaceutical Inorganic Chemistry

Time : 3 Hours   Max. Marks: 70

Note : Answer all questions. All questions carry equal marks.

1 a) i) What is Monograph?   Explain about the Monograph in Indian Pharmapoeia.   9
      ii) Mention the principle and procedure involved in the limit test of sulphates.   5
                                    OR
   b) i) Explain the classification of Inorganic Pharmaceuticals based on their therapeutic classes with examples.   9
      ii) Give two characteristic tests for any two anions with chemical reactions.   5

2 a) i) Define and classify antacids with examples.   6
      ii) Give the method of preparation, assay and uses of Ammonium chloride and sodium bicarbonate.   4+4
                                    OR
   b) i) What are Laxatives? Give the method of preparation, properties, assay and limit tests of sodium phosphate.   6
      ii) Write the preparation, properties, assay and uses of Magnesium carbonate and calcium chloride.   4+4

3 a) i) What are Haematinics? Give the preparation, properties and assay of Ferric ammonium citrate.   5
      ii) Give a note on activated charcoal and purified water.   4+5
                                    OR
   b) Give the method of preparation, properties, assay and uses of following compounds
      i) Zinc chloride   ii) Aluminium Stearate   iii) Sodium bisulphate   5+5+4

4 a) i) What are emetics? Write the preparation, properties, tests for purity and uses of potassium antimony tartarate.   6
      ii) What are antidotes?   Explain about the antidotes used in cyanide poisoning.   8
                                    OR
   b) Write the preparation, properties, assay and uses of the following compounds.
      i) Potassium Iodide   ii) Ammonium carbonate
      iii) Zinc sulphate   5+4+5

5 a) i) What are antinfectives? Give the preparation, properties and assay of Hydrogen peroxide and silver nitrate.   1+8
      ii) Write a note on cements and fillers.   5
                                    OR
   b) Mention preparation, properties and uses of
      i) Povidone-iodine   ii) Zinc oxide   iii) Talc   iv) Sodium Fluoride   4+4+3+3

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