

B. Pharm. First Semester (New)
35304 : BP 104 T - Pharmaceutical Inorganic Chemistry

P. Pages : 1

Time : Three Hours



AU - 0703

Max. Marks : 75

- Notes :
1. Diagrams and chemical equations should be given wherever necessary.
 2. Illustrate your answer necessary with the help of neat sketches.
 3. Solve all questions.

1. Write answers of following questions. 20
 - i) Write the reaction involved in limit test of sulfate.
 - ii) Enlist various sources of impurities found in drug products.
 - iii) Write ideal properties of antacids.
 - iv) What are antimicrobials? Give its examples.
 - v) Write limit test reaction of chloride.
 - vi) What is mean by ORS? Write its contents.
 - vii) What are expectorants? Give its example.
 - viii) What is mean by radioisotopes? Give its examples.
 - ix) Enlist various antidotes used in poisoning.
 - x) What are astringents? Give its examples.

2. Attempt **any two** of the following. 20
 - i) What is pharmacopoeia? Explain history of pharmacopoeia and explain in details about Indian Pharmacopocia? 10
 - ii) Define and classify antidote? Explain role of antidote in cyanide poisoning and note on Sodium thiosulphate. 10
 - iii) Explain different gastrointestinal agents. Discuss in detail about Acidifying agent and antacid with suitable example and give ideal properties of antacids. 10

3. Attempt **any seven** of the following. 35
 Each question carries equal marks.
 - i) Discuss in detail the limit test for chloride.
 - ii) Write a note on sources of impurities.
 - iii) Enlist major extra and intracellular ions and give details of sodium ions used in replacement therapy.
 - iv) Discuss in detail about antimicrobials and their mechanisms.
 - v) What are anticaries agent. Give role of fluoride in treatment of dental caries.
 - vi) What are radio pharmaceuticals? Explain pharmaceutical applications of radioactive substances.
 - vii) Write a note on expectorant.
 - viii) Explain limit test for Arsenic as pe I.P.
 - ix) Explain Buffers and mechanism of action of buffers.
