

DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE

End Semester Examination – Winter 2022

Date: 08/05/2023

Course : B. Pharmacy
Subject Name : Pharmaceutical Inorganic Chemistry
Max Marks : 75

Sem : I
Subject Code : BP104T
Duration : 3 Hr.

Instructions:

- All questions are compulsory
- Draw diagrams / figures wherever necessary
- Figures to right indicate full marks

Q. 1. Objective Type Questions (Answer all the questions) (10 x 2) = 20

- Define Emetics? Give two examples.
- Write down the properties and uses of Boric acid.
- Write down the properties and uses of Ammonium Chloride.
- Define the terms. i) Acidic Buffer ii) Buffer capacity.
- What are Radiopharmaceuticals?
- Define Expectorant. Give two examples.
- Draw a well labeled diagram of Gutzeit apparatus.
- Define Cathartics with examples.
- Write down reaction involved in limit test for Chloride.
- Classify Gastrointestinal agents with examples.

Q. 2. Long Answers (Answer 2 out of 3) (2 x 10) = 20

- What are Antimicrobial agents? Explain the mechanism of actions of antimicrobial agents with suitable examples. Add a note on Hydrogen Peroxide.
- What is impurity? Enlist and explain sources of impurities in the pharmaceutical substances with examples.
- Write down the role of major Extra and Intra cellular electrolytes with suitable examples. Give the composition of ORS.

Q. 3. Short Answers (Answer 7 out of 9) (7 x 5) = 35

- Write down the principle, reaction and procedure involved in the limit test of Iron.