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DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE

End Semester Examination – Winter 2022

Date: 08/05/2023

Course :	B. Pharmacy	Sem :	I
Subject Nam :	Pharmaceutical Inorganic Chemistry	Subject Code :	BP104T
Max Marks :	75	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

i) Define Emetics? Give two examples.

ii) Write down the properties and uses of Boric acid.

iii) Write down the properties and uses of Ammonium Chloride.

iv) Define the terms. i) Acidic Buffer ii) Buffer capacity.

v) What are Radiopharmaceuticals?

vi) Define Expectorant. Give two examples.

vii) Draw a well labeled diagram of Gutzeit apparatus.

viii) Define Cathartics with examples.

ix) Write down reaction involved in limit test for Chloride.

x) Classify Gastrointestinal agents with examples.

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

i) What are Antimicrobial agents? Explain the mechanism of actions of antimicrobial agents with suitable examples. Add a note on Hydrogen Peroxide.

ii) What is impurity? Enlist and explain sources of impurities in the pharmaceutical substances with examples.

iii) 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

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

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