

(2)

[Total No. of Questions: 8 ]

[Total No. of Printed Pages : 2]

Enroll No.....

**BP-104T**

**B.Pharm -I sem.(Reg./Ex.)**

**Examination, March-2021**

**Pharmaceutical Inorganic Chemistry**

**Time: Three Hours**

**Maximum Marks:75**

- Q.3 Differentiate between buffers and isotonic solutions.
- Q.4 Explain the principle and reaction involved in the limit test for Chloride
- Q.5 (a) Define and classify antimicrobials with examples.  
(b) Explain Bronsted and Lowry acid-base theory.
- Q.6 Discuss the role of sodium and potassium as important electrolytes.
- Q.7 (a) Define Buffer capacity and write the preparation of any one buffer.  
(b) Write a detail note on sources of impurities.
- Q.8 Write short note on any two-
- a) Antacids
  - b) Expectorants
  - c)  $\beta$  and  $\gamma$  radiations
  - d) Dentifrices

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**Note:** i) Ques.no.1 is Compulsory

ii) Attempt any five questions from Question No. 2 to 8

Q.1 Multiple choice question. (2x5=10)

(i) The color of lead dithizonate is

- (a) Violet
- (b) White
- (c) Yellow
- (d) Orange

(ii) Milk of Magnesia is a

- (a) Systemic alkalizer
- (b) Gastric alkalizer
- (c) Systemic acidifier
- (d) Gastric acidifier

(iii) What is the edition of current Indian Pharmacopoeia?

- (a) 8<sup>th</sup> Edition
- (b) 6<sup>th</sup> Edition
- (c) 5<sup>th</sup> Edition
- (d) 3<sup>rd</sup> Edition

(iv) Radioactivity is measured by

- (a) Curie
- (b) Henry
- (c) Debry
- (d) Terry

(v) Ammonium chloride is an

- (a) Emetic
- (b) Astringent
- (c) Expectorant
- (d) Antacid