

Hemchandracharya North Gujarat University, Patan
Bachelor of Vocation
Pharmaceutical Chemistry Semester - III
End term Examination, December 2018
(PC 315) Pharmaceutical Inorganic Chemistry

Time: 2 hrs

Date: 14/12/2018

Maximum marks: 50

Q.1 Answer any 9 questions. Each question carries 1 mark.
(OBJECTIVE QUESTIONS)

(9*1=9Marks)

1. What is Role of Buffer?
2. Hydrogen Peroxide is use as
1) Antiseptic 2) Protective 3) antioxidant
3. Comment : Ammonia & Citric acid are added in limit test of Iron.
4. Define : Assay
5. Define: Impurity.
6. Write a Principle of limit test of Chloride.
7. _____ Paper is used in limit test of arsenic.
8. Define : PH
9. Give example of Preservative.
10. In Brønsted-Lowry concept , Acid is
 - a) proton donor
 - b) electron donor
 - c) proton acceptor
 - d) electron acceptor

Q. 2 Answer any 5 questions. Each question carries 4 marks.
(SHORT QUESTIONS)

(5*4=20Marks)

1. Write a note on acid- base theory
2. Explain type of Glass.
3. Write limit test of Lead
4. Write limit test of Chloride. (Principle, reaction, procedure)
5. Write a note on Type of Water.
6. Write note on Buffer System.

Q.3 Answer any 3 question. Each question carries 7 marks.
(DESCRIPTIVE QUESTIONS)

(3*7=21Marks)

1. Define Preservative & Explain Sodium Benzoate.
2. Write a Monograph of ZnO.
3. Write a Monograph of Talc
4. Define Antioxidants. Write Preparation, assay & use of Hypophosphorous acid.