

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

Time: 2 hrs

Date: 20/11/2018

Maximum marks: 60

Q.1 Answer any 12 questions. Each question carries 1 mark.

(12*1=12Marks)

(OBJECTIVE QUESTIONS)

1. Define Astringent.
2. What is Role of Buffer?
3. Hydrogen Peroxide is use as
1)Antiseptic 2) Protective 3) antioxidant
4. Comment : Ammonia & Citric acid are added in limit test if Iron.
5. The Laughing Gas is Known _____
6. Define: Impurity.
7. In limit test of Chloride _____ prevent production of opalescence due to presence of Ag₂ CO₃, CO₂ .
8. Enlist Type of water.
9. Write a Principle of limit test of Lead.
10. _____ Paper is used in limit test of arsenic.
11. Define : PH
12. Give example of Preservative.
13. Acid is Proton donor. True/ False

Q. 2 Answer any 5 questions. Each question carries 4 marks.

(5*4=20Marks)

(SHORT QUESTIONS)

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

Q.3 Answer any 4 question. Each question carries 7 marks.

(4*7=28Marks)

(DESCRIPTIVE QUESTIONS)

1. Define Preservative & Explain Sodium Benzoate.
2. Write a Monograph of ZnO.
3. Write a Preparation, Properties, Assay procedure & use of Sodium metabisulfide..
4. Define Antioxidants. Write Preparation, assay & use of Hypophosphorous acid.
5. Write limit test of Iron.