

Pramukh Swami Science & H.D. Patel Arts College, Kadi
Bachelor of Vocation Pharmaceutical Chemistry Semester-V

Internal Examination, October- 2017,

(PC-315) Pharmaceutical Inorganic Chemistry

Time: 2 hours 3/11/2017 Total Marks: 60

Que-1. Answer any 12 questions. Each question carries 1 mark [12]

1. What is pharmaceutical necessities?
2. Which is strong acid?
(a) CH_3COOH (b) Benzoic Acid
(c) Carbonic acid (d) Hydrochloric acid
3. What is buffer?
4. Which is an antioxidant-
(a) HCl (b) H_2SO_4
(c) Sodium bisulphite (d) NaOH
5. _____ is common name of HCl.
6. Which is impurity?
7. Give the formula of Sodium hydrogen phosphate.
8. Write any two uses of H_2SO_4 .
9. Boric acid is an anti-infective agent. (True/False)
10. NaOH is Lewis base. (True/False)
11. What is Lewis acid.
12. Which is gastrointestinal agent:
(a) NaOH (b) NaHSO_4
(c) Sodium bicarbonate (d) HCl
13. King of chemical is the synonyms of _____.

Que-2. Answer any five questions. Each question carries 4 marks [20]

1. What is a buffer? Explain the buffer mechanism.
2. Explain the monogram of any one antioxidant.
3. Explain the water for injection.
4. Explain the monogram of boric acid.
5. Explain the use of Ammonia solution in pharmaceuticals.
6. Explain the limit test chloride.
7. What is pharmaceutical aids and necessities? Give only name with example of these.

Que-3. Answer any four questions. Each question carries 7 marks [28]

1. Explain the limit test for arsenic.
2. Explain any two acid base theories regarding acidic and basic characters.
3. Write a note on buffer selection and buffer system.
4. Explain Hypo phosphorus acid in brief.
5. What is antacid? Explain any one in brief.
6. What is the common name of NaOH? Write the identify test of NaOH.