

Pramukh Swami Science & H.D. Patel Arts College, Kadi

Bachelor of Vocation Pharmaceutical Chemistry Semester- III

Mid Sem Examination, November- 2016,
(PC 315) Pharmaceutical Inorganic Chemistry

Time: 2 hours 12/11/2016 Total Marks: 60

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

1. Comment : Ammonia & Citric acid are added in limit test of Iron.
2. Impurity in pharmaceutical preparation may be due to following source:
 - a) Raw material
 - b) Manufacturing Process
 - c) Chemical instability
 - d) all of Above
3. Phosphoric acid is known as _____ acid & has Chemical formula _____
4. In limit test of Chloride _____ prevent production of opalescence due to presence of Ag_2CO_3 , CO_2 .
5. Match of the following

Name of Compound	Category
1) Titanium dioxide	a) Anti microbial
2) Hydrogen peroxide	b) Protective
3) Zinc sulphate	c) Astringent
6. In Bronsted- Lowry concept , Acid is
 - a) proton donor
 - b) electron donor
 - c) proton acceptor
 - d) electron acceptor
7. Comment: Dilute acetic acid is added in limit test of sulphate.
8. WFI is stand for _____.
9. Limit test of Iron, Purple colour produce due to _____.
10. Fill in the blank
11. Define; Impurity
12. True /False: Dilute nitric acid is added in limit test of lead.
13. Give two example of antacid.

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

- 1) Write a note on acid- base theory.
- 2) Write limit test of Chloride.(Principle, reaction, procedure)
- 3) Write about pharmaceutical Water.
- 4) Write limit test of Lead.(Principle, reaction, procedure)
- 5) Note on Gastrointestinal agent.
- 6) Give Principle & assay procedure for Phosphoric acid

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

- 1) Define Preservative & Explain with example.
- 2) Write a note on Source of Impurity.
- 3) Write limit test of Iron.
- 4) Write down preparation, properties, assay procedure & use of Boric Acid.
- 5) Define Preservative & Explain Aluminum hydroxide gel.