

UKA TARSADIA UNIVERSITY
MALIBA PHARMACY COLLEGE TARSADI
B.PHARM. SEMESTER – I
PHARMACEUTICAL CHEMISTRY-I
Pharmaceutical Inorganic Chemistry
(030020102)

DATE: 19/12/2011

TIME: 11:00 am TO 12:30 pm
Maximum marks: 30

Q.1 Define the following. (Any five)

(05)

1. Respiratory stimulant
2. Astringent
3. Laxative
4. RAD
5. Antidote
6. Antioxidant
7. Sclerosing agent
8. Anti carries agents

Q.2 Answer the following. (Any five)

(10)

1. Explain Lowry-Bronsted concept of acid and base.
2. Give method of preparation and uses of potassium iodide.
3. Explain the principle of limit test of Iron.
4. Write method of preparation and uses of boric acid.
5. Define and classify topical agents.
6. Give method of preparation and properties of Nitrous oxide.
7. Write short note on oral rehydration therapy.

Q.3 Answer the following. (Any Three)

(15)

1. Discuss the various sources of impurities present in inorganic pharmaceuticals.
2. Define and classify antacids with examples. Write the method of preparation and uses of milk of magnesia and aluminum hydroxide gel.
3. Write a note on purified water IP and water for injection IP.
4. Enumerate the official compounds of iron and explain the preparation, properties and uses of any one of them.
5. Define buffer solution. Explain physiological and pharmaceutical buffers.