

Shree Manibhai Virani and Smt. Navalben Virani Science College (Autonomous)

Affiliated to Saurashtra University, Rajkot

SEMESTER END EXAMINATION NOVEMBER – 2016**B.Voc. Pharmaceutical Analysis & Quality Assurance****BVPAQA-101 - PHARMACEUTICAL INORGANIC CHEMISTRY***Duration of Exam – 3 hrs**Semester – I**Max. Marks – 70***Que. 1 (A) – Answer the following Questions****[10]**

1. What is impurity?
2. Define Pharmaceutical chemistry.
3. A complete description of a specific pharmaceutical is known as _____.
4. Which are the various extra cellular body fluid compartments?
5. Define Expectorants.
6. What are Protectives?
7. What does it mean by writing 'As T' as a suffix in the limit test for arsenic?
8. What is limit test?
9. Name any two desensitizing agents used in toothpastes.
10. Define antacids.

Que. 1 (B) Answer the following Questions**[20]**

1. Give any four names of pharmaceutical aids with their examples.
2. Explain the principle of limit test for chloride?
3. Explain the assay procedure of NaCl.
4. Write a note on methods used to purify the inorganic substances.
5. What are the important aspects of pharmaceutical chemistry?
6. Differentiate Hyperchlorhydria and Hypochlorhydria.
7. Describe the role of potassium ion in the human body.
8. Which chemicals are used in the limit test for Iron?
9. Write about the mechanism of action of astringents.
10. Explain the raw material as a source of impurities.

Que. 2 Answer the following Questions (Any Four)

[20]

1. Explain in detail limit test for heavy metals (method-B).
2. Give monograph of calcium hydroxide.
3. Define followings terms.
4. Write a note on different parts of a general monograph.
5. Write a note on different editions of Indian Pharmacopoeia.
6. What is electrolyte combination therapy? Give detailed account on compound sodium lactate injection.

Que. 3 Answer the following Questions (Any Four)

[20]

1. Which are the different theories evolved for acid and base. Explain the Bronsted-lowry concept of acids and bases with its limitation.
 2. Give detailed monograph of Ammonia.
 3. Give detailed monograph of Sodium bicarbonate.
 4. What are the ideal requirements of antacids? Give the preparation and use of hydrochloric acid.
 5. How is physiological acid base balance maintained in human body?
 6. Write a detailed note on Oxygen as one of the most important inhalants.
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