

B.PHARMACY DEGREE COURSE (SEMESTER EXAMINATIONS)
PCI Regulation 2017 – SEMESTER I
PAPER IV – PHARMACEUTICAL INORGANIC CHEMISTRY

Q.P. Code: 562007

Time: Three hours

Maximum: 75 Marks

I. Elaborate on: Answer any TWO questions. (2 x 10 = 20)

1. Define radioactivity. Explain the methods of measurement of radioactivity.
2. Define Antacid. Give the Preparation, Assay and uses of Ammonium chloride.
3. Discuss in detail about the sources of impurities present in Pharmaceutical substances with example.

II. Write notes on: Answer any SEVEN questions. (7 x 5 = 35)


1. Add a note on History of Pharmacopoeia.
2. Give the Principle and reaction for Limit test for Iron.
3. Write a note on Oral rehydration Salt.
4. Briefly discuss about functions of Physiological ions.
5. Explain about Iodine and its preparation.
6. Give the Preparation and Assay of Copper sulfate.
7. Discuss the uses of Radioisotopes.
8. Give the Preparation and Uses of Sodium Nitrite.
9. Define and classify Antimicrobial agents with examples.

III. Short answers on: Answer ALL questions. (10 x 2 = 20)

Define the following :

1. Limit Test.
2. Isotonicity.
3. Write a note on alum.
4. Cathartics.
5. Dentifrices.
6. Achlorhydria.
7. Buffer Capacity.
8. Rebound Acidity.
9. Half life period of radioactivity.
10. Antidotes.




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