

- Q.4 What is physiological acid-base balance? Give a detailed account of various electrolytes used in maintaining this balance. 4,12
- Q.5 Define the following with example. 8x2=16
- Antacids
 - Mucolytics
 - Disinfectants
 - Incompatibility
 - Emetics
 - Quality control
 - Buffer solutions
 - Antidote
- Q.6 Give a detailed account of theory and procedure for the limit test for Arsenic. 16
- Q.7 What are Radio pharmaceuticals? Give the storage conditions, handling application details of radio pharmaceuticals. 16
- Q.8 Explain why with equations. 4x4=16
- Glycerine is added in the assay of boric acid.
 - Potassium iodide is added in iodine solution.
 - Citric acid in the limit test of iron.
 - Potassium sulphate is added in the Barium sulphate reagent.

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Pharmacy 1st Year

Subject : Pharmaceutical Chemistry-I

Time : 3 Hrs.

M.M. : 80

Note : Solve any 5 questions

- Q.1 Write short note on : 8,8
- Limit test for lead
 - Quality Control of drugs.
- Q.2 Write short note on any two : 8,8
- Saline cathartics.
 - Protectives.
 - Identification tests for any two anions.
- Q.3 Give physical, Chemical properties, uses & storage condition of following. 4x4=16
- Aluminum hydroxide
 - Calcium gluconate.
 - Hydrogen Peroxide
 - Solution of iodine.

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