

# Rajiv Gandhi University of Health Sciences, Karnataka

## I Year Pharma-D Examination – Mar 2013

**Time: Three Hours****Max. Marks: 70 Marks**

### PHARMACEUTICAL INORGANIC CHEMISTRY

**Q.P. CODE: 2855**

Your answers should be specific to the questions asked  
Draw neat labeled diagrams wherever necessary

**LONG ESSAYS (Answer any Two)****2 x 10 = 20 Marks**

1. With a neat, labeled diagram give the construction of the apparatus used in the limit test of Arsenic. Give the principle and methods employed in the limit test for arsenic.
2. Write preparation, properties, storage, dose, use Assay of sodium bicarbonate.
3. Define Expectorants. Give example. Write preparation, properties, storage, dose, Assay for any one compound.

**SHORT ESSAYS (Answer any Six)****6 x 5 = 30 Marks**

4. Write the assay of calcium gluconate by complexometric method.
5. Explain briefly about protective and adsorbents.
6. What are oxidation reduction reactions? Write the assay of Copper sulphate.
7. Write preparation, properties, storage, use labeling for oxygen.
8. Sources of Impurities in pharmaceutical substances
9. Preparation and standardization of 0.1N oxalic acid
10. Procedure and principle involved in Iron Limit Test
11. Explain estimation of sodium chloride by Volhard's method.

**SHORT ANSWERS****10 x 2 = 20 Marks**

12. Define acidifiers. Give examples.
13. Electrolytes examples
14. Methods of expression of concentration of volumetric solutions
15. How do you prepare 250ml of 0.2N sodium hydroxide solution?
16. Give the chemical Formula, storage and uses of Chlorinated lime?
17. What are Poisons & Antidotes?
18. Define and classify errors.
19. What are dentifrices? Give examples.
20. Note on Barium sulphate.
21. Acid-base indicator

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