

# Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Pharm Degree Examination – August 2010

**Time: Three Hours**

**Max. Marks: 70 Marks**

## PHARMACEUTICAL INORGANIC CHEMISTRY (Revised Scheme 3)

**Q.P. CODE: 2605**

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. Define limit test? List out different limit tests you have studied. Discuss in detail the limit test for sulphate and iron
2. List out major intra and extra cellular electrolytes. Explain the preparation and uses of Dextrose injection and normal saline
3. What is Iodimetry and Iodometry? Taking a suitable example explain the concept of Redox titrations by Iodimetry and Iodometry

### SHORT ESSAYS (Answer any Six)

**6 x 5 = 30 Marks**

4. What are antimicrobials? Write the preparation and uses of Iodine
5. List out the different methods in complexometry and add a note on masking and demasking agents
6. Write the preparation and assay of sodium benzoate
7. What is Fajan's method? Explain taking a suitable examples
8. Explain the preparation and assay of green vitriol
9. How do you prepare and standardize N/10 sod. Hydroxide solution?
10. What are cathartics? Explain the assay of magnesium sulphate
11. Enlist different antacids. Write the preparation and uses of aluminium hydroxide gel

### SHORT ANSWERS

**10 x 2 = 20 Marks**

12. Reagents used in arsenic limit test
13. Name desensitizing agents
14. Examples for protectives
15. Uses of dil HCl. And oxalic acid
16. What are pharmaceutical aids? Give examples
17. Indicators used in acid – base titration
18. Sources of errors
19. Definition and examples for antidotes
20. Solvents used in non-aqueous titration
21. Uses of oxygen and carbon dioxide

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