

# Rajiv Gandhi University of Health Sciences, Karnataka

## I Year B. Pharm Degree Examination – 23-Jun-2022

**Time: Three Hours****Max. Marks: 70 Marks****PHARMACEUTICAL INORGANIC CHEMISTRY (RS4)****Q.P. CODE: 2629**

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. Enlist the different types of limit test. Discuss in detail the limit test for sulphate and iron
2. What are GIT agents? Write the principles and reaction for the assay of sodium bicarbonate
3. What are Redox titrations? Explain the preparation, assay and use of copper sulphate and boric acid

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

4. Explain the different types of complexometric titrations with examples
5. Compare and contrast Mohr's method and Volhard's method
6. Discuss the theory of non-aqueous titrations
7. Explain various methods of minimization of errors
8. Write a note on electrolytes used in replacement therapy
9. Write a note on pharmaceutical aids
10. What are antimicrobials? Write a note on various iodine preparations
11. Write a note on Ors (Oral rehydration salt)

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

12. Give the uses of Oxygen and Carbon dioxide
13. Write the molecular formula and uses of Milk of Magnesia
14. What are protective and adsorbents? Give two examples
15. Write the composition and application of zinc eugenol cement
16. Define accuracy and precision
17. What is leveling and differentiating effects?
18. Give the role of starch as indicator in redox titrations
19. What are sequestering agents? Give two examples
20. What are haematinics? Give two examples
21. What are anticaries agents? Give examples

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