

Rajiv Gandhi University of Health Sciences, Karnataka

I Year Pharm-D Degree Examination – 11-Nov-2023

Time: Three Hours

Max. Marks: 70

PHARMACEUTICAL INORGANIC CHEMISTRY (RS2)

Q.P. CODE: 2878

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. Write principle and procedure for assay of boric acid and chlorinated lime.
2. Define and classify errors. Discuss various methods of minimizing errors.
3. What are non-aqueous titrations? Explain in detail the types of solvents used in non-aqueous titrations. Write the assay of Sodium benzoate.

SHORT ESSAYS (Answer any six)

6 x 5 = 30 Marks

4. Explain the principle for Volhard's method of precipitation titration.
5. Write the principle and reaction involved in limit test for lead.
6. Define and classify Antacids with examples. Add a note on combination of Antacid therapy.
7. Write a note on electrolytes used in replacement therapy
8. Define and classify Antidotes with examples. Write a note on Activated Charcoal.
9. Write preparation and standardization of Potassium Permanganate solution.
10. Write principle, reactions and procedure involved in Limit test of Iron.
11. Explain the method of preparation and discuss the principle and reaction involved in assay of calcium gluconate.

SHORT ANSWERS

10 x 2 = 20 Marks

12. Write pharmaceutical uses of oxygen.
13. What is the role of lead acetate cotton wool in Arsenic limit test?
14. Define accuracy and precision.
15. Give the method of preparation of milk of magnesia.
16. Give the composition of iodine tincture.
17. Calculate equivalent weight of NaOH and $\text{Na}_2\text{S}_2\text{O}_3$
18. Define expectorant. Give examples.
19. Write the synonym for ferrous sulphate and copper sulphate.
20. Define Saline Cathartic, give examples
21. What are dentifrices? Give examples.
