

Rajiv Gandhi University of Health Sciences, Karnataka

I Year Pharm-D Degree Examination - 19-Nov-2021

Time: Three Hours

Max. Marks: 70 Marks

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 the procedure and principles for the limit tests for (a) Sulphate (b) Iron. Describe the apparatus for the limit test of Arsenic.
2. Discuss briefly about major physiological ions and physiological acid base balance. Write the method of preparation and principle involved in the assay of Calcium gluconate.
3. Define and classify precipitation titration and the principle, reaction involved in assay of NaCl.

SHORT ESSAYS (Answer any six)

6 x 5 = 30 Marks

4. Write the method of preparation and standardisation of 250 ml of 0.1M Sodium hydroxide
5. Explain Iodometry and Iodimetry with examples.
6. Define Non-aqueous titrations. Write the different solvents used in these titrations.
7. Explain Mohr's method for the estimation of halides.
8. List out different methods in Complexometry. Add a note on masking and demasking agents.
9. Define and classify antacids. Discuss the preparation and assay of Baking soda.
10. What are antimicrobials? Write the preparation and uses of iodine.
11. Write the principle and reaction involved in Heavy metals limit test (IP)

SHORT ANSWERS

10 x 2 = 20 Marks

12. What are Universal indicators give examples.
13. Define and classify Errors with examples.
14. Define Gravimetric analysis. Write the importance of it.
15. Give the storage, labelling condition and uses of Carbon dioxide.
16. Define accuracy and precision.
17. Desensitizing agents.
18. Give two examples for Anti oxidants.
19. Write any four uses of Ammonium carbonate.
20. What are Sedatives? Give examples.
21. Define Antidotes and give examples.
