



Rajiv Gandhi University of Health Sciences, Karnataka

I Year Pharm-D Degree Examination – 10-Jan-2020

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. Give the principle, procedure and role of reagents involved in the limit test for a) iron b) chloride
2. What are antacids? Classify with them examples. Write the preparation, assay and uses of sodium bicarbonate and aluminium hydroxide gel.
3. Define oxidation and reduction. Give the applications of cerimetry with suitable examples.

SHORT ESSAYS (Answer any six)

6 x 5 = 30 Marks

4. Classify non-aqueous titrations. Write principle involved in assay of sodium benzoate.
5. What type of compounds can be considered as primary standards and why? Give suitable examples.
6. Write methods of minimizing errors.
7. Define pharmaceutical aids. Write a note on sodium metabisulphite.
8. Classify precipitation titration. Explain Volhard's method in detail.
9. Write the various steps involved in gravimetry analysis.
10. Write the precautions for storage and handling of radioisotopes.
11. What are dental products? Write a note on role of fluoride as anticaries agent.

SHORT ANSWERS

10 x 2 = 20 Marks

12. Define expectorant. Give examples.
13. Role of lead acetate cotton in arsenic limit test.
14. Classify extra and intra cellular electrolytes with examples.
15. Define cathartics. Give examples.
16. Write the preparation of boric acid.
17. Define and classify antidotes with examples.
18. What is sclerosing agent? Give example.
19. Define isotope.
20. What is sequestering agent. Give example.
21. Write uses of oxygen gas.
