

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Pharm Degree Examination – DEC-2014

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. What are Dental products? Discuss the role of fluoride in preventing dental caries.
2. What are Pharmaceutical Aids? Classify them with suitable examples. Add a note on Bentonite.
3. Give the principle, reaction and procedure involved in the Limit test for chlorides and sulphates.

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

4. What are Haematinics? Write the method of preparation and assay of Ferrous Sulphate.
5. What are GIT agents? Classify them with examples. Write a note on protective and adsorbents.
6. Write preparation and standardization of 0.1N Ceric ammonium sulphate.
7. What are anti-dotes? Classify them with examples.
8. Write a note on significant figures.
9. What is electrolyte combination therapy? Explain ORS.
10. What are Ligands and how will you detect the end point in complex formation reaction?
11. Write the Mohr's method for the estimation of halides.

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

12. Role of citric acid and thioglycolic acid in iron limit test.
13. Storage condition, labeling and medicinal uses of Oxygen.
14. Name any four redox indicators.
15. Types of solvents used in Non aqueous titrations. Give examples.
16. Define Systemic acidosis and Systemic alkalosis.
17. Define emetic. Give examples.
18. Write the chemical formula and medicinal uses of sodium metabisulphite.
19. Role of Nitrobenzene in modified Volhard's method.
20. Define expectorants. Give example.
21. Write the reactions involved in the assay of Copper sulphate.
