

Rajiv Gandhi University of Health Sciences, Karnataka  
I Year Pharma-D Examination – DEC-2014

**Time: Three Hours**

**Max. Marks: 70 Marks**

**PHARMACEUTICAL INORGANIC CHEMISTRY**

**Q.P. CODE: 2855**

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 volumetric analysis. How do you prepare and standardize 250 ml of one normal oxalic acid.
2. Write the principle, procedure with diagram for Arsenic limit test apparatus.
3. Write the formula, properties, preparation, assay, storage condition, dose for copper sulphate.

**SHORT ESSAYS (Answer any Six)**

**6 x 5 = 30 Marks**

4. Write preparation, properties, storage condition, category, dose for magnesium hydroxide mixture.
5. Write brief note on protectives and adsorbents.
6. Write property, storage condition, category, labeling for carbon dioxide.
7. Explain precipitation titration with an example.
8. Write the principle and procedure for Iron limit test.
9. Define complexometric titrations and explain with an example.
10. Write the preparation, properties, storage condition, assay, category for Chlorinated lime.
11. Write a note on various iodine preparations.

**SHORT ANSWERS**

**10 x 2 = 20 Marks**

12. Define Acidifiers. Give examples.
13. Define Pharmaceutical aid. Give examples.
14. Example for Non-aqueous solvents.
15. Define Desensitizing agents. Give examples.
16. Write four sources of errors.
17. Write principle of Potassium permanganate assay.
18. Define expectorant give examples.
19. Formula and medicinal uses of Boric acid.
20. Define electrolyte and give examples.
21. Write the principle of Lead limit test.

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