

Rajiv Gandhi University of Health Sciences, Karnataka

I Year Pharma-D Examination – Feb / Mar 2012

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 antimicrobial agents. Give example. Write the properties, preparations, assay, category for Chlorinated lime.
2. Define antacids. Give examples. Write the properties, preparation, assay, category for sodium bicarbonate.
3. Write the principles and procedure involved in the arsenic limit test.

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. Iron limit test principle and procedure.
5. Define non aqueous titrations. Give example and explain with one example.
6. Write the properties, category, storage, labeling for oxygen.
7. Write the properties, category, storage, labeling and assay for ferrous sulphate.
8. Write the preparation, property, storage, category for magnesium hydroxide.
9. Sources of impurities in the pharmaceutical substances.
10. Major electrolytes used in the replacement therapy.
11. Note on barium sulphate.

SHORT ANSWERS

10 x 2 = 20 Marks

12. Example for complexometric titrations.
13. Define Dentifrices. Give examples.
14. Example for volumetric analysis.
15. Explain emetics. Give examples.
16. Define antidote. Give examples.
17. Sulphates limit test principle.
18. Explain accuracy and precession.
19. Iodine preparations.
20. Medicinal uses of Talc powder and Boric acid.
21. Principle involved in sodium chloride assay.
