

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Pharm Degree Examination – 25-Nov-2022

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 Argentometric titration? Explain different methods for the estimation of halides.
2. Discuss in detail the various sources of impurities present in the pharmaceutical substances with examples.
3. List out Intra & Extra cellular electrolytes. Explain the preparation & uses of dextrose injection and normal saline.

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. Write the principle and reactions involved in the limit test for Arsenic.
5. Give the principle and reaction involved in the limit test for lead I.P.
6. What are antacid? Write the method of preparation of Aluminium hydroxide gel.
7. What are antimicrobials? Write the preparation and uses of Chlorinated lime.
8. List out the different methods in complexometry and add a note on estimation of metal ions.
9. What are antidotes? Classify with structural examples.
10. Define and classify non-aqueous solvents with examples.
11. How do you calculate the equivalent weight of oxidizing and reducing agent? Explain with examples.

SHORT ANSWERS

10 x 2 = 20 Marks

12. What is Achlorhydria? What is the remedy?
13. What are dental caries? Name two anticaries agents.
14. What are cathartics? Give examples.
15. Write the labeling and storage condition of oxygen.
16. Differentiate Iodometry and Iodimetry. Give example.
17. What are protectives and adsorbent? Give examples.
18. What are Primary and Secondary standard substance. Give example.
19. Use of dilute nitric acid in the limit test for chloride.
20. Give the composition of ORS and its significance.
21. Define Emetics. Give structural examples.
