Rajiv Gandhi University of Health Sciences, Karnataka

First Year B.Pharm Degree Examination - 18-Sep-2020

Time: 3 Hours **Max. Marks: 80**

PHARMACEUTICAL INORGANIC CHEMISTRY (RS2)
QP Code: 1955

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.

LONG ESSAY (Answer any two) **2 X 10 = 20 Marks**

1. Define and classify GIT agents with examples? Add a note on method of preparation ad assay for Aluminium hydroxide gel.
2. Explain Iodometric and Iodimetric titrations with examples? Add a note on redox indicators
3. Write the method of preparation, principle and reactions involved in the assay of
(a) Ferrous sulphate (b) Boric Acid

SHORT ESSAY (Answer any Eight) **8 X 5 = 40 Marks**

4. Explain Fajan's method of analysis with examples
5. Write a note on Neutralisation curves and its applications
6. Classify the solvents used in non aqueous titrations with examples
7. Write the principle and reactions involved in Arsenic limit test
8. Write the reactions and procedure involved in the gravimetric determination of Barium in Barium salts.
9. Define errors and give the different methods to minimize errors.
10. Write the principle, reactions & procedure involved in the limit test for sulphate
11. What are Impurities? Write a note on different types of impurities with examples.
12. Define and classify Antidotes with examples.
13. Explain the method of preparation and assay of Ammonium chloride.

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

14. Define limit tests. Give examples.
15. Write the uses of Oxygen and Nitrous Oxide.
16. What are Astringents? Give examples.
17. Write the role of fluoride in dental carries.
18. Write the use of Citric Acid and Ammonia in Iron limit test.
19. What are Pharmaceutical Aids? Give examples.
20. Define expectorants and emetics with examples.
21. What is Co-precipitation and Post-precipitation?
22. Define Sclerosing agents with examples.
23. Define Accuracy and precision.

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