

QP CODE: 105326

Reg. No:

**First Year Pharm D Degree Regular/Supplementary Examinations
October 2023**

Pharmaceutical Inorganic Chemistry

Time: 3 Hours

Total Marks: 70

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essays

(3x10=30)

1. Define Errors. Classify Errors with suitable examples and how to minimize it.
2. Describe the principle and procedure involved in the limit test for heavy metals. (5+5)
3. Describe the methods for preparing any two standard solutions used in redox titrations.

Short notes:

(8x5=40)

4. Explain different types of redox titrations with examples.
5. What are primary and secondary standard substances. How do you prepare 0.1N NaOH.
6. Explain the uses of radioisotopes in research, diagnosis and medicine.
7. Give the method of preparation, storage and labelling conditions of nitrous oxide.
8. Give a brief account of fluorides used in dental products. Compare their relative efficacies and advantages.
9. Write the principle and procedure for assay of aluminium hydroxide gel.
10. Explain accuracy, precision and significant figure.
11. Write a note on Fajan's method.
