

QP Code: 124006

Reg. No.....

**First Semester B. Pharm Degree Regular/Supplementary
Examinations June 2023**

**Pharmaceutical Inorganic Chemistry
(2017 Scheme)**

Time: 3 Hours

Max. Marks: 75

- 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

Essay

(2x10=20)

1. Describe the method of preparation, properties and assay of sodium thiosulphate.
2. Explain the principle involved in the limit tests of Lead and Iron.

Short Notes

(7x5=35)

3. Classify antacids and discuss the qualities of an ideal antacid.
4. Explain in detail the principle involved in the assay of calcium gluconate with reactions.
5. What are cathartics. Explain the chemical properties of any one of them.
6. Discuss the electrolytes used in replacement therapy.
7. Summarize the preparation, properties and uses of potassium permanganate.
8. Outline the history of Indian pharmacopoeia.
9. Illustrate with reactions the assay of ferrous sulphate.

Answer Briefly

(10x2=20)

10. State two examples for haematinic.
11. Define dentifrices with examples
12. Mention the uses of activated charcoal and zinc sulphate
13. State the Henderson-Hasselbalch equation for determining pH of a solution.
14. Explain the significance of limit test.
15. Define Pharmacopoeia and monograph.
16. Define antidote with examples.
17. Write the molecular formula of sodium nitrite and potash alum
18. How will you carry out pretreatment procedure for the limit test for chloride in KMnO_4 .
19. Mention the molecular formula for the following inorganic substances.
 - Ferrous sulphate
 - Magnesium sulphate
 - Sodium bicarbonate
 - Calcium carbonate
