

QP Code: 124006

Reg. No.....

**First Semester B. Pharm Degree Supplementary Examinations
October 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. (a) Classify antimicrobials with examples.
(b) Write the preparation, assay and use of chlorinated lime.
2. Describe in detail about buffered isotonic solutions, methods of adjusting tonicity and measurement of tonicity.

Short Notes

(7x5=35)

3. Write the preparation, assay and use of ammonium chloride.
4. What are emetics. Give the preparation, properties and use of copper sulphate.
5. Write the principle involved in the limit test of sulphates.
6. What are antidotes. Give the preparation, properties and use of sodium thio sulphate.
7. Define the terms:
 - antacids
 - expectorants
 - cathartics
 - astringents
 - disinfectants.
8. What are haematinics. Write the method of preparation and assay and uses of ferrous sulphate.
9. Write about the preparation, assay and use of calcium gluconate.

Answer Briefly

(10x2=20)

10. Define dentifrice with example.
11. Give the principle involved in the limit test of chloride.
12. Composition of ORS.
13. Ideal properties of antacids.
14. Define pharmacopoeia.
15. Give the assay of hydrogen peroxide.
16. Properties and uses of sodium chloride.
17. Properties of Alpha (α) radiation.
18. Define buffer capacity.
19. Define half-life period.
