

QP Code: 124006

Reg. No.....

**First Semester B.Pharm Degree Supplementary Examinations
August 2019**

**Pharmaceutical Inorganic Chemistry
(2017 Scheme)**

Time: 3 Hours

Max. Marks: 75

- **Answer all questions**
- **Write equations wherever necessary**

Essay

(2x10=20)

1. Define limit test. Explain the principle, procedure and apparatus involved in the limit test of arsenic and chloride with neat diagram
2. Explain the physiological functions of any four major ions in the body and how physiological acid base balance is maintained.

Short Notes

(7x5=35)

3. Explain assay of sodium bicarbonate
4. Define tonicity and explain the methods for adjusting tonicity
5. Preparation and method of assay of chlorinated lime.
6. Properties and uses of calcium carbonate and sodium fluoride
7. Preparation, assay and uses hydrogen peroxide.
8. Define antidotes. Give properties and uses of sodium nitrite
9. Explain the preparation, properties and assay of ferrous sulphate.

Answer Briefly

(10x2=20)

10. The properties and uses of magnesium sulphate
11. Storage conditions of radio pharmaceuticals
12. What is zinc eugenol cement. Mention its use
13. What is Rochelle salt and mention its use.
14. Mention any two uses of potassium ions.
15. Mode of action of saline cathartics.
16. What is iodine tincture and mention its uses
17. Preparation of sodium thiosulphate
18. Define dentrifrice. Give example
19. Define astringent. Give example.
