Roll No. ☐☐☐☐☐☐☐☐☐☐☐☐☐☐ Total No. of Pages : 02

Total No. of Questions : 18

Pharma. D (Sem.–1)

PHARMACEUTICAL INORGANIC CHEMISTRY
Subject Code : 1.5
M.Code : 26510

Time : 3 Hrs.   Max. Marks : 70

INSTRUCTION TO CANDIDATES :

1. SECTION-A contains SEVEN questions.   Attempt any FIVE questions. Each
    question will carry TWO marks each.   Attempt any SIX
2. SECTION-B contains EIGHT questions (Short Essay Type).
    questions. Each question will carry FIVE marks.
3. SECTION-C contains THREE questions (Long Essay Type). Attempt any TWO
    questions. Each question will carry FIFTEEN marks.

SECTION-A

1. Define Lewis acid.

2. Define Precision and accuracy.

3. Define Isotonic solution.

4. What is Fractional precipitation?

5. What are essential trace elements?

6. Define the function of limit test.

7. What are Antimicrobials?

SECTION-B

8. 9. Write in detail about pharmaceutical applications of radiopharmaceuticals.

10.   What are pharmaceutical aids?

       Define and classify Antacids. Describe acidifiers.

11. Describe about role of fluorides in the treatment of dental products.

12. Discuss various methods for minimization of errors in pharmaceutical analysis.

13. Discuss in detail concept and applications of complexometric titrations.

14. What salient points distinguish between Mohr's and Volhard's method?

15. Discuss various medicinal gases.

SECTION-C

16. Write detailed note on non aqueous titrations.

17. What are acid base titrations? Discuss theories of acid base indicators.

18. Write in detail limit test for chloride and sulphate.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.