

Roll No.

Total No. of Pages : 02

Total No. of Questions : 18

Pharm. D (Sem.-3)

PHARMACEUTICAL ANALYSIS

Subject Code : 3.2

Time : 3 Hrs.

Paper ID : [A2565]

Max. Marks : 70

INSTRUCTION TO CANDIDATES :

1. SECTION-A contain SEVEN questions. Attempt any FIVE questions. Each question will carry TWO marks. 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

- Q.1. What is Frontal Analysis?
- Q.2. What is peak resolution?
- Q.3. What is diffusion current?
- Q.4. What is specific conductance?
- Q.5. What are X-rays?
- Q.6. What is optical rotation?
- Q.7. What are metastable ions?

SECTION-B

Q.8. Write a note on plate theory of column chromatography.

Q.9. Write a note on GLP.

Q.10. Write a note on TLC.

Q.11. Write a note on Polarography.

Q.12. Write a note on fluorimetric analysis.

Q.13. Write a note on atomic absorption spectroscopy.

Q.14. Write a note on DSC.

Q.15. Write a note on ESR spectroscopy.

SECTION-C

Q.16. Write a detailed account on Potentiometry.

Q.17. Write a detailed account on HPLC.

Q.18. Write a detailed account on UV spectroscopy.