



- k) pKa
- l) Essential ions
- m) Cathartics
- n) Astringents
- o) Antioxidants

### SECTION-B

2. Discuss in detail the chemistry of various complexing agents.
3. Give a brief account of mineral supplements.
4. What are different kinds of topical agents? Discuss any one category.
5. Comment upon oxidative antimicrobial agents.
6. Write short note on various types of waters.

### SECTION-C

7. What are antacids? Give names and formulae of five antacids. What are the side effects associated with antacid therapy? What are the requirements of an ideal antacid?
8. What are the major physiological ions present in body? Give a detailed account of sodium ions.
9. Write a detailed note on oxidative antimicrobial agents.
10. Discuss different sources of impurities in phannacopeial substances. Give principle and procedure for limit test of sulphates.

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