

**BHARATI VIDYAPEETH
(DEEMED TO BE UNIVERSITY), PUNE, INDIA**

PhD Entrance Test – 2020

SECTION-II: Pharmacy Practice - 50 Marks

Section II	
1	Hospital pharmacy -Organization and management, Management of materials and finance, Hospital formulary and Inventory control, The Budget – Preparation and implementation, Health Promotion
2	Drug therapy monitoring (medication chart review, clinical review, pharmacist interventions), Ward round participation, Adverse drug reaction management
3	Drug information services
4	Patient counseling Drug utilisation evaluation (DUE) and review (DUR) Communication skills, including patient counselling techniques
5	Quality assurance of clinical pharmacy services Quality use of medicines: Rational use of drugs, essential drug concept, Rational use of antibiotics
6	Pharmacotherapeutics of infectious diseases Endocarditis, Respiratory, HIV, Septiemia, Tuberculosis, Malaria, Meningitis, Gonorrhoea, Syphilis
7	Introduction to Therapeutic Drug Monitoring

References:

1. Hospital pharmacy by William. E. Hassan.
2. A text book of Hospital Pharmacy by S.H. Merchant & Dr. J.S. Qadry. Revised by R.K. Goyal & R.K. Parikh.
3. Handbook of pharmacy – health care. Edt. Robin J Harman. The Pharmaceutical press.
4. Practice Standards and Definitions - The Society of Hospital Pharmacists of Australia.
5. Basic skills in interpreting laboratory data - Scott LT, American Society of Health System Pharmacists Inc.
6. Biopharmaceutics and Applied Pharmacokinetics - Leon Shargel, Prentice Hall publication.
7. A text book of Clinical Pharmacy Practice; Essential concepts and skills, Dr.G. Parthasarathi et al.
8. Australian drug information -Procedure manual. The Society of Hospital Pharmacists of Australia.
9. Clinical Pharmacokinetics - Rowland and Tozer,
10. Williams and Wilkins Publication. Clinical Pharmacy and Therapeutics - Roger and Walker, Churchill Livingstone publication.
11. Pharmacotherapy: A Pathophysiologic approach - Joseph T. Dipiro et al. Appleton & Lange.
12. Pathologic basis of disease - Robins SL, W.B. Saunders publication.
13. Pathology and therapeutics for Pharmacists: A Basis for Clinical Pharmacy Practice - Green and Harris, Chapman and Hall publication.
14. Clinical Pharmacy and Therapeutics - Eric T. Herfindal, Williams and Wilkins Publication.
15. Applied Therapeutics: The clinical Use of Drugs. Lloyd Young and Koda-Kimble MA.
16. Avery's Drug Treatment, 4th Edn, 1997, Adis International Limited.

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