

**BHARATI VIDYAPEETH
(DEEMED TO BE UNIVERSITY), PUNE, INDIA
PhD Entrance Test – 2020
SECTION-II: Homoeopathic Pharmacy - 50 Marks**

1. Pharmacokinetic

- a. Absorption, distribution
- b. Biotransformation and excretion of Drugs
- c. Mechanism of drugs action and factors modifying drug actions
- d. Bio availability of drugs

2. Pharmacodynamics

- a. Factors effecting dose of a drug
- b. Structure activity relationship (SAR) ED50, LD50

3. Development of new drugs

- a. Drug proving on animal and human beings
- b. Ethical committee formation for drug studies on human Beings

4. Standardization of drugs and vehicles through analytical methods and techniques

- i. Biological
- ii. Mechanical
- iii. Chemical
- iv. Toxicological process and characteristics
- v. Laboratory methods of drug study
- vi. Role of HPL, Govt. of India, Ghaziabad

5. Industrial Pharmacy (Homoeopathy)

History of Homoeopathic Industry, Administration & Principals of Industrial Management in relation of homoeopathic pharmaceuticals

Reference Books

1. Mandal&Mandal - Text Book of Homoeopathic Pharmacy, Published by New Central Book agency (P) Ltd. Chintamoni Das Lane, Kolkata.
2. Dr. SumitGoel – Art and Science of Homoeopathic Pharmacy
3. Drug & Cosmetic Act 1940 (23rd of 1940)
4. The Homoeopathy Central Council Act 1973 (59 of 1973)
5. The Pharmacy Act 1948 (8 of 1948).