

## HOMOEOPATHIC PHARMACY

### Instructions:

Instruction in Homoeopathic Pharmacy shall be so planned as to present ,—

- (1) importance of homoeopathic pharmacy in relation to study of homoeopathic materia medica, organon of medicine and national economy as well as growth of homoeopathic pharmacy and research;
- (2) originality and speciality of homoeopathic pharmacy and its relation to pharmacy of other recognised systems of medicine;
- (3) the areas of teaching shall encompass the entire subject but stress shall be laid on the fundamental topics that form the basis of homoeopathy.

### A. Theory:

- I. General concepts and orientation:

1. History of pharmacy with emphasis on emergence of Homoeopathic Pharmacy.
  2. Official Homoeopathic Pharmacopoeia (Germany, Britain, U.S.A., India).
  3. Important terminologies like scientific names, common names, synonyms.
  4. Definitions in homoeopathic pharmacy.
  5. Components of Pharmacy.
  6. Weights and measurements.
  7. Nomenclature of homoeopathic drugs with their anomalies.
- II. Raw Material: drugs and vehicles
1. Sources of drugs (taxonomic classification, with reference to utility).
  2. Collection of drug substances.
  3. Vehicles.
  4. Homoeopathic Pharmaceutical Instruments and appliances.
- III. Homoeopathic Pharmaceutics:
1. Mother tincture and its preparation – old and new methods.
  2. Various scales used in homoeopathic pharmacy.
  3. Drug dynamisation or potentisation.
  4. External applications (focus on scope of Homoeopathic lotion, glycerol, liniment and ointment).
  5. Doctrine of signature.
  6. Posology (focus on basic principles; related aphorisms of organon of medicine).
  7. Prescription (including abbreviations).
  8. Concept of placebo.
  9. Pharmaconomy – routes of homoeopathic drug administration.
  10. Dispensing of medicines.
  11. Basics of adverse drug reactions and pharmaco-vigilance.
- IV. Pharmacodynamics:
1. Homoeopathic Pharmacodynamics
  2. Drug Proving (related aphorisms 105 – 145 of organon of medicine) and merits and de-merits of Drug Proving on Humans and Animals.
  3. Pharmacological study of drugs listed in Appendix -A
- V. Quality Control:
1. Standardisation of homoeopathic medicines, raw materials and finished products.
  2. Good manufacturing practices; industrial pharmacy.
  3. Homoeopathic pharmacopoeia laboratory – functions and activities, relating to quality control of drugs.
- VI. Legislations pertaining to pharmacy:
1. The Drugs and Cosmetics Act, 1940 (23 of 1940) {in relation to Homoeopathy};
  2. Drugs and Cosmetics Rules, 1945 {in relation to Homoeopathy};
  3. Poisons Act, 1919 (12 of 1919);
  4. The Narcotic Drugs and Psychotropic Substances Act, 1985 (61 of 1985);
  5. Drugs and Magic Remedies (Objectionable Advertisements) Act, 1954 (21 of 1954);
  6. Medicinal and Toilet Preparations (Excise Duties) Act, 1955 (16 of 1955).

## B. Practical:

## Experiments

1. Estimation of size of globules.
2. Medication of globules and preparation of doses with sugar of milk and distilled water.
3. Purity test of sugar of milk, distilled water and ethyl alcohol.
4. Determination of specific gravity of distilled water and ethyl alcohol.
5. Preparation of dispensing alcohol and dilute alcohol from strong alcohol.
6. Trituration of one drug each in decimal and centesimal scale.
7. Succussion in decimal scale from Mother Tincture to 6X potency.
8. Succussion in centesimal scale from Mother Tincture to 3C potency.
9. Conversion of Trituration to liquid potency: Decimal scale 6X to 8X potency.
10. Conversion of Trituration to liquid potency: Centesimal scale 3C to 4C potency.
11. Preparation of 0/1 potency (LM scale) of 1 Drug.
12. Preparation of external applications – lotion, glycerol, liniment, ointment.
13. Laboratory methods – sublimation, distillation, decantation, filtration, crystallisation.
14. Writing of prescription.
15. Dispensing of medicines.
16. Process of taking minims.
17. Identification of drugs (listed in Appendix B)-
  - (i) Macroscopic and Microscopic characteristic of drug substances- minimum 05 drugs;
  - (ii) Microscopic study of trituration of two drugs (up to 3X potency).
18. Estimation of moisture content using water bath.
19. Preparation of mother tincture – maceration and percolation.
20. Collection of 30 drugs for herbarium.
21. Visit to homoeopathic pharmacopoeia laboratory and visit to a large scale manufacturing unit of homoeopathic medicines (GMP compliant). (Students shall keep detailed visit reports as per proforma at Annexure- 'B').

## C. Demonstration

1. General instructions for practical or clinical in pharmacy.
2. Identification and use of homoeopathic pharmaceutical instruments and appliances and their cleaning.
3. Estimation of moisture content using water bath.
4. Preparation of mother tincture – maceration and percolation.

## APPENDIX-A

List of drugs included in the syllabus of pharmacy for study of pharmacological action:-

1. Aconitum napellus
2. Adonis vernalis
3. Allium cepa
4. Argentum nitricum
5. Arsenicum album
6. Atropa Belladonna
7. Cactus grandiflorus
8. Cantharis vesicatoria

9. *Cannabis indica*
10. *Cannabis sativa*
11. *Cinchona officinalis*
12. *Coffea cruda*
13. *Crataegus oxyacantha*
14. *Crotalus horridus*
15. *Gelsemium sempervirens*
16. *Glonoinum*
17. *Hydrastis canadensis*
18. *Hyoscyamus niger*
19. *Kali bichromicum*
20. *Lachesis*
21. *Lithium carbonicum*
22. *Mercurius corrosivus*
23. *Naja tripudians*
24. *Nitricum acidum*
25. *Nux vomica*
26. *Passiflora incarnata*
27. *Stannum metallicum*
28. *Stramonium*
29. *Symphytum officinale*
30. *Tabacum*

#### APPENDIX-B

##### List of drugs for identification

##### I. Vegetable Kinngdom

1. *Aegle folia*
2. *Anacardium orientale*
3. *Andrographis paniculata*
4. *Calendula officinalis*
5. *Cassia sophera*
6. *Cinchona officinalis*
7. *Cocculus indicus*
8. *Coffea cruda*
9. *Colocynthis*
10. *Crocus sativa*
11. *Croton tiglium*
12. *Cynodon dactylon*
13. *Ficus religiosa*
14. *Holarrhena antidysenterica*
15. *Hydrocotyle asiatica*
16. *Justicia adhatoda*

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17. Lobelia inflata
18. Nux vomica
19. Ocimum sanctum
20. Opium
21. Rauwolfia serpentina
22. Rheum
23. Saraca indica
24. Senna
25. Stramonium
26. Vinca minor

## II. Chemicals or Minerals

1. Aceticum acidum
2. Alumina
3. Argentum metallicum
4. Argentum nitricum
5. Arsenicum album
6. Calcareo carbonica
7. Carbo vegetabilis
8. Graphites
9. Magnesium phosphorica
10. Natrum muriaticum
11. Sulphur

## III. Animal kingdom

1. Apis mellifica
2. Blatta orientalis
3. Formica rufa
4. Sepia
5. Tarentula cubensis

### Note:

1. Each student shall maintain practical or clinical record or journal and herbarium file separately.
2. College authority shall facilitate the students in maintaining record as per Appendix-C.

### E. Examination:

#### 1. Theory

1.1 Number of paper - 01

1.2 Marks: 100

#### 2. Practical including viva voce or oral

2.1. Marks: 100

2.2. Distribution of marks;

2.2.1. Experiments

2.2.2. Spotting

2.2.3. Maintenance of practical records or journal

Marks

15

20

10

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| 2.2.4. Maintenance of herbarium record | 05         |
| 2.2.5. Viva voce (oral)                | 50         |
|  | -----      |
| Total                                  | <u>100</u> |

HOMOEOPATHIC MATERIA MEDICA