

MAHARASHTRA STATE BOARD OF VOCATIONAL EDUCATION EXAMINATION, MUMBAI - 51

1	Name of Course	Advance Diploma in Electro-Homoeopathic (ADEH) (W. E. F. 2016-17)							
2	Course Code	201234							
3	Max. No. of Students Per Batch	25 students.							
4	Duration	1 Year							
5	Type	Part Time							
6	No Of Days / Week	6 Days							
7	No Of Hours /Days	4 Hrs							
8	Space Required	Theory class : 200 sq. feet. Laboratory Class : 300 Sq. feet Library : 300 Sq. feet Treatment room : 200 Sq. feet Total : 1000 sq. feet							
9	Minimum Entry Qualification	MBBS, BAMS, BHMS, BUMS, BEMS / 2 Year Diploma in Paramedical Group awarded by MSBVEE							
10	Objective Of Course	To create a skilled Electro-Homeopathic in modern society. To create health awareness among people related to herbal science. To provide supporting health & diet cure to hospitals.							
11	Employment Opportunities	1) To run Electro-Homoeopathic centers with approved from competent Authority if required. 2) Job in Electro-Homoeopathy centers, Naturopathy & Yoga institutes and physiotherapy departments.							
12	Teacher’s Qualification	1) Bachelor in Electro-Homoeopathic Medical Science (BEMS). 2) MD ECH/ BEMS/BAMS/ BHMS/MD with 2 Yrs experience							
13	Training System	Training System Per Week							
		Theory		Practical		Total			
		06 Hours		18 Hours		24 Hours			
14	Exam. System	Sr. No							
		Paper Code		Name of Subject		TH/PR	Hours	Max. Mark	Min. Mark
		1	20123411	Advance study of Spagyrics & Nutrition.		TH I	3 hrs.	100	35
		2	20123412	Detail Study of Materia Medica and Pharmacy		TH II	3 hrs.	100	35
		3	20123413	Biochemic		TH III	3 hrs.	100	35
		4	20123414	Medical jurisprudence and Toxicology & Minor surgery		TH IV	3 hrs.	100	35
		5	20123421	Practice of Electropathy Remedies		PR I	3 hrs.	100	50
		6	20123422	Pharmacy of Electro-Homoeopathy		PR II	3 hrs.	100	50
				Total				600	240

Details of each subject

ADVANCE DIPLOMA IN ELECTRO HOMOEOPATHY

THEORY:- I - ADVANCE STUDY OF SPAGYRICS & NUTRITION.

1) SPAGYRICS

INTRODUCTION TO SPAGYRICS

HISTORY OF SPAGYRICS

- Introduction to Plant Alchemy
- Fermentation, distillation of wine spirit
- Extraction of various fixed and unfixed sulphur fractions from our herb and the salts of sulphur
- Incineration, calcination, purification, and crystallization of salts
- Some points on making different Spagyric products
- Interesting Experiments

Syllabus Plan for Master in Spagyrics

- 1) The Study of Spagyrics: Methodology
- 2) Hermetic Philosophy
- 3) Hellenistic, Asian and Arab Alchemy
- 4) Alchemy in the Medieval Latin West
- 5) Renaissance Alchemy: Paracelsus
- 6) Alchemical Symbolism and Emblems
- 7) Helmontian Chymistry: Starkey, Boyle and Newton
- 8) Spiritual Alchemy and Psychological Perspectives
- 9) Neo-Paracelsian Spagyrics and the 'Newer' Alchemy

PHILOSOPHY OF ALCHEMY

1. Spagyrics and Psychology
2. Spagyrics in Pharmacy
3. Spagyric Meditation
4. Suggestions for Further Study

LABORATORY SPAGYRICS

1. Collecting Plants and Herbs
2. Types of Spagyric Preparations
3. Preparing the Menstruum
4. Distilling the Spirit of Wine
5. Preparing the Fermented Menstruum of Grapes
6. Animating the Mercury

2) DIET & NUTRITION

Introduction to Nutrition:-

- What is Nutrition?
- History of Nutrition.
- The food guide pyramid.
- What are nutrients & their functions.
- What is malnutrition, under nutrition & over nutrition.
- Guidelines for good health -Role of food in health.
- To know nutritional composition of food
 - food as a source of nutrients.
- Food intake & its Regulations:-
 - Hunger, appetite & satiety
 - Regulation of hunger
- Recommended dietary intakes (RDI)

I. Food Chemistry:-

- a) Nutritive value of food ingredients commonly used in India.
 - b) Composition of body
 - c) Energy
 - d) Carbohydrates:- Introduction, classification, digestion, absorption, functions & sources.
 - e) Proteins:- Introduction, classification, digestion, absorption, functions & sources.
 - f) Fats & oils:- Introduction, classification, digestion, absorption, functions & sources.
 - g) Vitamins:- Fat soluble & water soluble vitamins, various sources of vitamins & deficiency diseases.
 - h) Mineral elements:- major minerals & minor minerals
 - i) Water & electrolytes:- functions, sources & deficiency.
 - j) Alcohol
 - k) Fibre:- functions, deficiency & sources.
 - l) Enzymes
 - m) Cellulose
- Energy balance & the regulation of the body weight.
- Energy requirement of the body.
- Food properties:-
- i. Physical properties.
 - ii. Acids, bases & buffers
 - iii. The chemical bond.
 - iv. Colloids.

Foods, Food Composition & their Nutritive value.

- 1) Beverages:- coffee, Tea, Cocoa, soft drinks, fruit Beverages, Alcoholic Beverages, etc.
 - 2) Fruits:- Classification, Composition, Fruit ripening & storage:- Berries, citrus fruits, drupes, grapes, melons, pomes, tropical & subtropical fruits, dry fruits, jams & jellies.
 - 3) Vegetables:- Classification, composition, Nutritive values:- Cole crops, Root vegetables, Fruit vegetables, cucurbits, leafy vegetables, tuber vegetables, Bulbs, other vegetables.
 - 4) Cereals:- Production, structure, composition & storage:- Wheat, Rice, Maize, Sorghum, Millets, Barley, Oats & Rye
 - 5) Pulses:- Composition, processing, utilization, toxic constituents of pulses, some important pulses.
 - 6) Nuts:- Nuts as a food, cashew, coconut, ground nut, almonds, chestnuts, pistachio, walnut, etc.
 - 7) Oils & Fats in foods:-
 - Nutrition importance of oils & fats.
 - Functions of oils & fats.
 - Processing of oils & fats
 - Animal fat
 - Vegetable oils
 - Sources of Edible oils.
 - 8) Spices:- Composition & Nutritive value
Major spices of India
Minor spices of India
 - 9) Milk & milk products: - Composition, properties & Nutritional importance of milk.
 - 10) Eggs
 - 11) Meat
 - 12) Poultry
 - 13) Seafood.
 - 14) Sugar & jiggery
 - 15) Honey
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- Visit to the Nutrition & Dietetics ward in Hospitals (Naturopathy & Allopathy)
 - Introduction with various types of foods
 - Food rich in carbohydrates, proteins, fats, vitamins & minerals.
 - Canteen duties at Naturopathy & Allopathy Hospitals.
 - Identification of foods of various groups, their composition & Nutritive values.
 - High calorie diet.
 - Low calorie diet.
 - Negative food diet.
 - Diet As per Age & Working Life Style
 - Practical Record book.
 - Practical demonstration of various cooking methods.

- Practical demonstration Nutrition Education
- Wholesome diet
- Visit to Naturopathy & Allopathy hospitals to see preparation of various types of Diets in hospitals.
- How to maintain food hygiene.
- High fibre diet.
- Calculation of Nutritive value of food.
- Demonstration of sprouts preparation.
- Raw diet preparation
- Boiled diet preparation
- Planning of all combinations of diets.
- Preparation of different soups.
- Salt free diet, fat free diet, oil free diets.
- Practical Record Book.

THEORY- II - DETAIL STUDY OF MATERIA MEDICA AND PHARMACY

PART - 1 : MATERIA MEDICA

- 1) **Introduction:** I) Scope of the subject, aims and objectives.
 II) History and principles of Electro-Homoeopathy in brief
 III) Life history of Dr. Count Ceasare Mattei.
 Iv) How differs Electro-Homoeopathy from other system of Medicines (Mostly from Homeopathy i.e. action of Homeopathic Medicines mode of action in diseased state upon human body Aggravation complications.)
 V) Action of Electrohomoeopathic remedies as a double remedies.
 VI) Importance of Electro-Homoeopathy Medicines in point of view Economy. Safety and quick results.
 VII) Development and Promotion of Electro-Homoeopathy.
- 2) **Selection of Medicine :-** Studies about important point for selection of Medicine, Studies about Law of similarity Studies about Law of First and Secondary Bodily action, studies about Neutral, Positive and Negative Doses.
- 3) **STUDIES about Diseases and Definition :-** General Change of normal function in human body in point of view of Electropathy, which condition indicates the disease including about metabolism.
- 4) **Types of disease :-** I) Acute ii) Chronic disease.
 Definition with suitable Examples :- I) Positive II) Negative.
 ii) Describe other types of diseases- Organic Functional, Local, General, Periodical, Infectious, Hereditary, Endemic and in point of view Electro Homeopathy positive and NEGATIVE disease.
- 5) **Studies about Cause :-** Predisposing, Exciting, Internal, External, Especial, their importance in point of view Electro-Homeopathy.
- 6) **Studies about Symptoms :-** i) Importances in diagnosis
 ii) Types of Symptoms- Constitutional Local, Objective, Subjective Idiopathic, Sympathetic, Permonitory Pathognomonic, Diagnostic etc.
- 7) **Studies about Diagnosis :** Important point of diagnostic. Iris Analysis Part 1

- 8) Studies about Treatment :
 - i) Object of treatment (ideal Treatment.)
 - ii) Types of treatment –Preventives, Curative, Symptomatic, Local etc.
- 9) Studies about Constitution (Temperament)
 - i) General Constitution.
 - ii) In point of view Electro-Homeopathy types of Constitution i.e. Lymphatic, Sanguine, mixed Constitution and Nervous, Billious.
- 10) Details studies about following Electropathic medicines include When vitiation of the following system.
 - i] Symptoms of Nerve & Mucus membrane.
 - ii] Symptoms of Abdominal Region.
 - iii] Symptoms of Urinary Organs.
 - iv] Symptoms of Circulatory Organs.
 - v] Symptoms of Respiratory Organs.
 - vi] Symptoms of Skin.
 - Vii] Symptoms male & Female Reproductive Organs.
 - Viii] Use of Medicine in Short :-
 - 1] Scrofoloso Group : S – 1 to S – 12.
 - 2] Scrofosso Lassaivo.
 - 3] Limfatico Group – L – 1 to L – 2
 - 4] Angioticos Group – A – 1 to A – 3.
 - 5] Febricfugo Group – F – 1 to F – 2.
 - 6] Pettorals Group – P – 1 to P – 9.
 - 7] Vermifugo Group - Ver – 1 & Ver.2
 - 8] Canceroso Group – C – 1 to C – 17.
 - 9] Venerio Group – Ven.1 to Ven. 5
 - 10] Synthesis or S.V.
- 11) Detail Studies about following liquid Medicines along with above points as per requirement.
 - 1] White Electricity.
 - 2] Red Electricity.
 - 3] Yellow Electricity.
 - 4] Blue Electricity.
 - 5] Green Electricity.
 - 6] Aqua peria pelli.
- 12) Details studies about following Electropathic medicines include When vitiation of the following system.
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- 5] Green Electricity.
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PART II :- PHARMACY

- 1) Introduction :- Scope & Importance of the subject.
- 2) Studies about requirement of ideal Electropathic Laboratory.
- 3) Studies about Various Sources of crude drugs & plant collection.
- 4) Detail studies about Various ingradian of plants i.e. Carbohydrates. Glycosides, Tannins, Alkoloids etc.
- 5) Describe important point in plant collection.
- 6) Studies about various methods of Extraction of Drugs.
- 7) Studies about OD FORCE.
- 8) Describe the Preparation method of Spigenic Essence.
- 9) Describe the preparation method of Cohobation & importance of Cohobation.
- 10) Studies about Vehicles :- Type of Vehicles their Description, Importance and preparation method of various vehicles, ideal preparation of vehicles, various External applications.
- 11) Studies about preparation methods of medicated Globules, Ditation potion and Compress & Electricity from Spigeric Essence.
- 12) Describe Ointment : Use and Preparation methods. Types of Ointment, Studies about all 114 Medicinal plants used in Electrohomoeopathy.

1) Revision

- I] Vehicles.
- II] Dilution :- Preparation method – Importance.
- 2) Preparation method of Electropathic medicine & Electricity .
- 3) Studies of all important point of body where Electricity Ointment, Lotion Should be applied
(I) Studies of all 45 points. (II) Description of all point.

THEORY- III - BIOCHEMIC (TWELVE TISSUE REMEDIES)

a) Biochemic materia Medica –

- i) Introduction : - Definition, Scope of the subject & its importance in the field of medical science.
 - ii) History of Biochemistry
 - iii) Principles of Biochemistry – i.e. detail study of body constituent (organic & Inorganic) With effect of their deficiency.
 - iv) Details study of twelve remedies i.e. Organwise symptoms & their use in disease.
 - 1) Ferrum-Phosphoricum. 2) Calcarea phosphoricum
 - 3) Kali Phosphoricum 4) Natrum phosphoricum
 - 5) Magnesia Phosphoricum 6) Calcarea Floricum
 - 7) Kali Muriaticum 8) Natrum Muriaticum
 - 9) Calcarea Sulphuricum 10) Kali Sulphuricum
 - 11) Natrum Sulphuricum 12) Silica.
 - v) Distinguish between other pathy I e. Homeopathy, Allopathy etc.
 - vi) Automic theory of medicine.
- b) Pharmacy-Definition, its use and importance:-
- i) Preparation method of medicine ii) Standard Laboratory instruments & necessary application
 - iii) Preparation method of various potency of medicine iv) Selection of Potency.

THEORY - IV - MEDICAL JURISPRUDENCE AND TOXICOLOGY (MJT) & MINOR SURGERY

Introduction: - Definition, Scope, duties of Medical Practitioner. **Legal Procedure Jurisdiction of court**, Police inquest, witness, recording of evidences, admissibility of dying declaration, private statement, and medical evidences.

1. **Legal Procedure Jurisdiction of court**, Police inquest, witness, recording of evidences, admissibility of dying declaration, private statement, medical evidences
 - a. Identification: — Points, ban and fibers. Foot prints. Facial features, finger prints, deformities, wounds.
 - b. Post Mortem Examination: — Examination importance, External & internal examination of body. Medico — legal aspects in death, cause of death, signs indication death, conditions stimulating death, examination of blood stains, Identification, chemical test.
 - c. Asphyxia Definition., general symptoms, strangulation, choking death, suffocating death, death, death from cold, heat, starvation
 - d. Death due to burns, scalds, lightning & electricities, wounds and injuries caused by mechanical violence, nature of wounds, medico—legal aspects of wounds and injuries, evidences furnished by wounds.
 - e. Impotency, sterility, artificial insemination, sexual offence, definition of rape, constitution of rape offence and consent in case of rape, testimony, source of medical evidences virginity, unnatural sexual offence

- f. Pregnancy, delivery, mental disorders, and its medico legal aspects, abortion different methods employed for abortion, infanticide, Homicide.
2. Mental disorders, memory, impulses .insanity, criminal responsibility & civil responsibility. Birth inheritance, Legitimacy, paternity
3. Affiliation of legal aspects of dissolution of marriage, inheritance legitimacy, paternity
4. Separately dealing of poisoning cases (different poison) general, the symptoms and treatments of various poisons, post mortem appearance. Minerals, acids, Corrosive Sublimate, Arsenic and its compounds, opium and alkaloids, Kerosene oil, Cannabiz indica, Cocaine Belladonna, Strychnine, Nux-vomica, Snake poisoning, lead poisoning and antidote.

Minor Surgery

THEORY

1. Introduction of Surgery and Terminology.
2. Study of all Surgical Instruments.
3. Sterilisation and disinfection, Sepsis asepsis.
4. Inflammation
5. Gangrene
6. Cellulitis, Suppuration,. Abscess
7. Danger Symptoms of Cancer
8. Sinus and Fistula
9. Surgical trauma
10. Hemorrhage
11. Ulcers
12. Burns, Scalds
13. Injury
14. Brain diseases
15. Head Neck and Face disease
16. Diseases of lymphatic System
17. Diseases of Circulatory System
18. Thyroid, Parathyroid diseases
19. Cysts and Tumors
20. Diseases of Breast
21. Diseases of Mouth
22. Diseases of Ear, Nose Throat
23. Diseases of Chest
24. Diseases of heart
25. Diseases of Elementary CanI
26. Disease of Abdomen
27. Disease of Bones and joints
28. Vertebral diseases
29. Preparation of Surgical Patient, Post Operative Management
30. Anesthesia
31. Drugs Commonly used in Surgery

PRACTICALS - I - PRACTICE OF ELECTROPATHY REMEDIES

PRACTICALS

1. Electro homeopathic Treatment in all diseases which are mention in the modern medicine part one and part two
2. Studies about the 35 Electro homeopathic Injection
3. Studies about the Constitutional Remedy
4. Choice or Selection of Medicine According to law of Similarity Constitution of Patient, Symptomatic etc.
5. Choice of Potency and their advantages
6. Management of doses — Period, quantity, Alternation, Combination etc.
7. Management of Mixed Treatment - Internal and external

Practical

1. Case Taking
2. Examination of Patient
3. Prescription writing
4. Management of External application i.e. compresses, massage, Fomentation etc.
5. Studies about all important point of body i.e. electricities are applied
6. Preparation method of emergency dilutions.

PRACTICALS - II - PHARMACY OF ELECTRO-HOMOEOPATHY.

- 1) Identification of medicinal plants : short description.
- 2) Identification of (i) Crude drugs (ii) Stem drugs (iii) leaf drug (iv) Root/Rhizome drug (v) Flower : Short description
- 3) Preparation method i) Ointment (ii) Dilution (iii) Compress etc.
- 4) 'Cohobation' method.

List of practicals :-

- I) Preparation method of Electopathy Medicines.
- II) Preparation method of Electopathy Electricities.
- III) Point for application of ointment in Human body.
- IV) Preparation method of higher dilution.
- V) Preparation method of mixed remedy.

Some Instructions about the Practical

1. Case Taking Of different types of Case Taking in general Practice I. a due to condition, of Symptoms, diseases, where case history is require, which Points are important in. ease taking in diagnostic view
2. Visible Examination of Patient — i. e. Walking,, talking, movements, Behaviors, Anatomical changes if any
3. Examination of mental Symptoms
4. General Examination — i. e. weight, fever, Blood Pressure, Pulse rate, Heart Beat etc
5. Examination of Head — due to Peculiarity of Symptoms etc a. Exam, of Eye — Redness, swelling, Tearing etc. b. Exam, of Kars— External, internal Secretion etc. c. Exam, of Nose— Foreign body, Secretions, swelling, Bleeding d. Exam, of Face— Color, Patches, Swelling etc. e. Exam, of Throat — Redness, Patches, swelling g, glands etc.
6. Examination of Chest— By Percussion. Auscultation etc
7. Examination of Abdominal Region — By Palpation and Percussion.
8. Studies about the Anatomical Changes in Various diseases—Exam, of liver, stomach, spleen, Gall bladder, Pancreas, kidney by Palpation and Percussion
9. Examination of Heart. — By Percussion and Auscultation
10. Examination of pulse — By Palpitation, Various Changes in diseases
11. Examination of Reflex action — (Nervous System
12. Examinations of Children - General Health, disease of Children, their symptoms, common
13. complaints, diagnosis etc. 13.Studies about the especial Examination — Investigations Laboratory Aids, in which condition this type of Examination are requires
14. .Diagnosis — According to examination, signs, symptoms. Particularly.
15. Examination of Chronic and Acute diseases.
16. Studies about the management of mixed treatment.
17. General Hygiene luring treatment.
18. Prescription writing
19. Studies about various App. used for examination i. e. Stethoscope, B. P. apparatus, Tongue Depressor. Thermometer
20. Different types of Injections, use of syringes and needles.
21. When called the expert, knowledge of seriousness.
22. Management in emergency. 23.Studies about Surgical. Cases.
23. Handling of Mcdicolegal Cases.
24. Handling of Accidental Cases, Major, Minor.

LIST OF THE INSTRUMENTS, TOOL AND FURNITURE TO BE AVAILABLE IN INSTITUTE

Sr.No.	Items	Required Quantity
1	Desk / Benches	25
2	Wall Watch	As per requirement
3	Human Skeleton	2sets
4	B.P Appratus	04
5	Pestles and mortars (Iron, Glass, Porcelain)	5
6	Microscope	2
7	Weight M/C	02
8	Glass apparatus Distillation unit of 2000ml	05
9	pH meter	01
10	Buckets	04
11	Ice Packs	As per requirement
12	Lapets for Chest, Knee and abdomen	As per requirement
13	Cutter Board with cutter	02
14	Mixer and Juicer	01
15	Hydrometer	02
16	Alcoholmeter	04
17	Botanical slides	02
18	Distillation Apparatus (Glass)	02
19	Hot Air Oven	01
20	Burner	05
21	Stethoscope	05
22	Two Washrooms	02 (1 for Ladies & 1 for Gents)
23	Urine pots, male and female	As per requirement
24	Measuring glasses, all sizes	As per requirement

BOOKS RECOMMENDED

- 1) Text Book on E.H Materia Medica & Pharmacy
By Count Ceasor Mattei/Gilldon
- 2) Practice of E.H Remedies
by (Dr Trideep Guha & Dr Debasish Kundu)
- 3) Note Book on Spagyrics. By Dr Kundu
- 4) Text Book on Pharmacy By Dr Debasish Kundu & Dr Ajit Singh.
- 5) Notes on M.J.T & Minor Surgery Dr Prakash Mohite.
- 6) Text book for Nutrition and Dietetics By Shubhangeni Joshi
- 7) Food and Nutrition – Vol – I & II By Dr. M.S. Swaminathan
