

SYLLABUS

For Courses affiliated to the

KERALA UNIVERSITY OF HEALTH SCIENCES

Thrissur 680596



POST GRADUATE COURSE IN HOMEO MEDICINE

M D (HOM.) MATERIA MEDICA

Course Code: 267

(2018-19 Academic year onwards)

2018

NEW SYLLABUS

2. COURSE CONTENT

2.1 Title of course

MD (HOM) –Materia Medica

2.2 Objectives of course

- 1) The goal of postgraduate medical education shall be to produce competent specialists and or medical teachers
- 2) Who shall recognize the health needs of the community and carry out professional obligations ethically.
- 3) Who shall be aware of the contemporary advance and developments in the discipline concerned?
- 4) Who shall have acquired a spirit of scientific inquiry and is oriented to the principles of research methodology, epidemiology
- 5) And who shall have acquired the basic skills in teaching of the medical and paramedical professionals

2.3 Medium of instruction:

The medium of instruction is English

2.4 Course outline

The course shall be of three years duration, including one year of house-job or equivalent thereof

- a) All the days of the year will be working days for the postgraduate students.
- b) The candidate should secure 80% attendance for the
 - 1) First year, i.e., during house job.
 - 2) First half of 2ndyear.
 - 3) Last one and half year.

1. A candidate for MD (Hom) shall opt one of the special subject as his specialty at the time of admission and the degree shall be awarded in that specialty.
2. The PG candidate shall pursue a regular course of study and research in the department under the guidance of a guide recognized by the university, emphasis being on practical training; participate in seminars, group discussions, clinical meetings, journal clubs etc.
3. The candidate shall be a resident in the hospital campus and shall be given graded responsibility in the management of patients entrusted to his care. He shall participate in teaching and training of undergraduate student and interneers.
4. Candidate is required to write a thesis or dissertation on a subject approved by the University of not less than 10,000 (Ten Thousand) words.
5. The PG student may be permitted to attend seminars, symposium and other academic programs conducted by registered organizations, academic bodies and institutions in and outside state. The head of institution shall sanction duty leave to PG students, limited to 10 days in an academic year.
6. The student shall be required to attend at least 80% of total lecture, seminar, clinical discussion, journal club and group discussion separately in each paper/subject of the examination in order to become eligible to appear for examination.
7. The different components of attendance of Part I and Part II exam are given below

Part I Examination

Name of the paper	% of attendance required
Paper 1	80%
Paper 2	80%
Paper 3	80%

Part II Examination

Name of the subject	% of attendance required
Paper 1 & 2	80%
Paper 3	80%

Each course shall comprise of the following

M.D. (Hom.) Materia Medica PART I

- (i) Paper I Materia medica
- (ii) Paper II Research Methodology & Bio-statistic
- (iii) Paper III Advanced teaching of Fundamentals of Homoeopathy

M.D. (Hom.) Materia Medica PART II

- (i) Paper I Materia medica
- (ii) Paper II Materia medica
- (iii) Paper III Practice of Medicine

2.5 Duration

The course shall be of three years duration, including one year of house-job or equivalent thereof

2.6 Syllabus

Given under clause “Content of each subject in each year “

2.7 Total number of hours

Given under clause “Content of each subject in each year “

The concept of health care counselling shall be incorporated in all relevant areas.

2.8 Branches if any with definition

Given under clause “Course outline”

2.9 Teaching learning methods

TRAININGPROGRAMME

a) Every institution undertaking Post Graduate training shall setup an Academic cell or a curriculum committee, under the chairmanship of a senior faculty, which shall work out the details of the training in each speciality in consultation with other department faculty staff and co-ordinate and monitor the implementation of these training programmes.

b) The training programme shall be updated as and when required. The structured training programme shall be written up and strictly followed, to enable the examiners to

determine the training undergone by the candidate and the Central council inspectors to assess the same at the time of inspection.

c) The Post Graduate student shall maintain a record (logbook) of the work carried out by them and the training programme undergone during the period of training.

d) The record books shall be checked and assessed by the faculty members imparting the training, monthly.

e) The Post Graduate student shall be required to participate in teaching and training programme of undergraduate students and interns.

Method of training:

The emphasis should be on in service training and not on didactic lectures. The candidates should take part in seminars, group discussions, clinical meetings etc. The candidate should be required to write a thesis or dissertation with detailed commentary, which should provide the candidate with necessary background of training in research methods and techniques along with the art of writing research papers and learning and making use of library. The candidate shall be a resident in the campus and shall be given graded responsibility in the management and treatment of patients entrusted to his case. He shall participate in teaching of undergraduate students or interns. Adequate number of posts of clinical residents shall be created for this purpose.

A candidate for M.D. (Hom.) shall opt one of the subjects of speciality at the time of admission and the degree shall be awarded in that speciality.

2.10 Content of each subject in each year

Part I

I. Materia Medica

I. Basic Materia medica

i. Materia Medica – Definition

ii. Sources

a. of drugs- plant, animal

- b. Of symptoms – drug proving, toxicological, clinical
 - c. Of Materia Medica- source books
 - iii. Drug proving and collection of symptoms- Methodology of Dr. Hahnemann, CCRH, others etc.
 - iv. Symptoms - classification – Different authors
 - v. Materia Medica
 - a. Scope and limitations of Materia Medica
 - b. Science and philosophy of Materia Medica
 - c. Construction and types of Materia Medica
 - d. Study of Materia Medica- different approaches
 - e. Critical review of Materia Medica of various authors
 - vi. Study of relationship of remedies
 - vii. Biochemic system of medicine (Tissue remedies) & Bach flower remedies
- II. Comparative Materia Medica - Group study, study of polychrest and rare remedies under mineral kingdom

II. Research Methodology & Biostatistics.

1. Research Methodology:
 - a) Research in Biomedicine.
 - b) Need of Research and Research Challenges in Homoeopathy.
 - c) Types of Research Studies.
 - d) Planning of Research Studies (which includes Research Questions, Research Hypothesis, Aims & Objectives, Literature Review, Study Design, Study Sample, Randomization, Blinding, Intervention, Variables, Outcome assessment etc.).
 - e) Design and Conduct of Clinical Trials.
 - f) Data Collection and Data Management.
 - g) Assessing and Reporting Adverse Events.
 - h) Ethical Issues in Biomedical Research.
 - i) Writing & Publishing Research Studies.
2. Biostatistics
 - a) Definition and scope of Biostatistics in Clinical Research.
 - b) Types of Data and methods of Data presentation.
 - c) Descriptive Statistics (Mean, Median, Mode, SD and Variance etc.).

- d) Correlation and Regression.
- e) Sampling techniques and sample size estimation.
- f) Measures of Morbidity and Mortality.
- g) Data Analysis.
- h) Use of Statistical Software

III. Advanced teaching of the Fundamentals of homoeopathy-

1. Homoeopathic concept of health with a comparative study of modern concept- concept of vital force, Susceptibility, Constitution, temperament.
2. Homoeopathic concept of Disease- definition, different types of causes, classification, symptomatology, Evaluation of symptoms.
3. Posology –principles and criteria for repetition and selection of potency.
4. Auxiliary measures.
5. Prognosis after giving the remedy (Remedy reaction)
6. Prevention of Diseases-homoeopathic and modern concept.
7. Drug Proving-Hahnemann’s method and modern view
8. Dynamisation concepts in different editions of Organon of Medicine
9. Palliation and suppression: different views and scope of homoeopathy in these areas.
10. Application of Kent’s Repertory in clinical practice. Repertorial approach in case taking
and case taking in different clinical situations.
11. A brief idea about Homopath, Radar Opus and Complete dynamics.
12. Miasmatic, therapeutic & reportorial approach in
 - i) Common infectious diseases,
 - ii) Nutritional & metabolic disorders,
 - iii) Water & Electrolyte disturbances
 - iv) Palliative care and Pain management

With special emphasis to their clinical features, diagnosis, prognosis, complications and management.

13. Micro teaching- teacher training and faculty development techniques

14. Recent advances in homoeopathic research. Application of genetics & genomics in research of homoeopathy

15. In-depth study of select polychrest remedies

1	Alumina	26	Lycopodium
2	Ammonium carb	27	Mag carb
3	Antim crud	28	Medorrhinum
4	Apis mel	29	Merc sol
5	Arg nit	30	Natrum mur
6	Ars alb	31	Natrum sulph
7	Aurum met	32	Nitric acid
8	Baryta carb	33	Nux vom
9	Calc carb	34	Phosphoric acid
10	Calc phos	35	Phosphorus
11	Causticum	36	Platina
12	Cinchona	37	Plumbum met
13	Cuprum met	38	Psorinum
14	Ferrum met	39	Pulsatilla
15	Flouric acid	40	Sepia
16	Graphites	41	Silicea
17	Hepar sulph	42	Staphysagria
18	Hyoscyamus	43	Stramonium
19	Ignatia	44	Sulphur
20	Iodum	45	Syphilinum
21	Kali bich	46	Tarentula Hispanica
22	Kali carb	47	Thuja
23	Lac caninum	48	Tuberculinum
24	Lachesis	49	Veratrum alb
25	Lilium tig	50	Zincum met

MD (HOM) Part II

I. Comparative Materia Medica

- i. Family or Group study – Study of group characteristics with remedy differentiation
- ii. Detailed study of polychrest drugs, their drug pictures with comparison*
- ii. Study of rare/smaller remedies with comparison*
- iv. Therapeutic study of Materia Medica (as applied to various clinical conditions, including acute emergencies)

* - Source books to be made use of, along with other texts including modern authors

II. System Based diseases- diagnostic procedures, miasmatic basis, general and Homoeopathic Management

- i. Cardio – Vascular system
- ii. Respiratory system
- iii. Endocrine system
- iv. G.I.T. including liver and pancreas
- v. Haematological disorders
- vi. Musculoskeletal disorders
- vii. Neurological disorders
- viii. Genitourinary disorders
- ix. Common dermatological conditions

Paper Division

PART I

Paper I. Materia Medica

- I. Basic Materia medica
- II. Comparative Materia Medica - Group study, study of polychrest and rare remedies under mineral kingdom

Paper II- Research Methodology & Biostatics

- i. Research Methodology
- ii. Biostatics

Paper III- Advanced teaching of the Fundamentals of homoeopathy

PART II

Paper I -Materia Medica

- i. Group study, study of polychrest and rare remedies under Animal kingdom & Vegetable kingdom

Paper II –Materia Medica

- i. Group study, study of polychrest and rare remedies under Sarcodes, Nosodes, Bowel nosodes & Imponderabilia
- ii. Therapeutic study of Medica (as applied to various clinical conditions)

Paper III - Practice of Medicine

System – Based diseases- diagnostic procedures, miasmatic basis, general and Homoeopathic Management

- i. Cardio – Vascular system
- ii. Respiratory system
- iii. Endocrine system
- iv. G.I.T. including liver and pancreas
- v. Haematological disorders
- vi. Musculoskeletal disorders
- vii. Neurological disorders
- viii. Genitourinary disorders
- ix. Common dermatological conditions

2.11 No: of hours per subject

Residential programme

2.12 Practical training

Given under clause No: 2.10

2.13 Records

Records, 40 cases followed up during Part I Period

Each candidate shall maintain at least the records of 40 cases (10 Acute & 30 chronic cases) treated by them and well documented in the concerned specialty

Logbooks, mid marks obtained in tests will be maintained by the head of department and will be made available to the University or Central council of Homeopathy.

2.14 Dissertation:

THESIS

Every candidate shall carry out work on an assigned research project under the guidance of a recognized Postgraduate teacher as a guide. All Postgraduate students should submit a synopsis of the thesis duly attested by the competent authorities in the prescribed proforma within twelve months from the date of admission. Candidate is required to write a thesis or dissertation on a subject approved by the University of not less than 10,000 (Ten Thousand) words.

Each candidate should submit the dissertation (4copies) six months prior to the completion of the course. The University will send it to four experts (two internal two external) with instructions to return it within two weeks after valuation. Dissertation may be classified as “Accepted”, “Accepted with modifications” or “Rejected”. At least two experts should accept the dissertation for it to be considered as accepted. If it is accepted with modifications, the candidate will be given 45 days for correction and resubmission through proper channel. If it is rejected, the candidate will not be permitted to appear for the examination. She/he should repeat the work and submit within a period of six months. Such dissertations will be valued in the examination centre itself at the time of practical/clinical examination

2.15 Speciality training if any

Not applicable

2.16 Project work to be done if any

Not applicable

2.17 Any other requirements [CME, Paper Publishing etc.]

Publication/ acceptance of at least 1 research paper/article in a scholarly journal.

2.18 Prescribed/recommended textbooks for each subject

Sl. No	Author	Name of Book
1.	Kent JT	Lectures on Homoeopathic Materia Medica
2.	Nash EB	Leaders in homoeopathic Therapeutics
3.	HC Allen	Key Notes
4.	Farrington EA	A Clinical Materia Medica
5.	Boericke W	Pocket Manual of The Homoeopathic. Materia Medica
6.	Choudhuri N.M.	A study on Materia Medica
7.	Lippe A	Keynotes and Red Line symptoms of the Materia Medica
8.	Blackwood AL	A manual of Materia medica, Therapeutics and Pharmacology with Clinical Index
9.	Lippe A.D.	Textbook of Materia Medica
10.	Boger C. M.	A Synoptic Key of the Materia Medica
11.	Clarke J.H.	Dictionary of Practical Materia Medica
12.	Mathur K. N.	Systematic Materia Medica of Homoeopathic Remedies
13.	Phatak S. R.	Materia Medica of Homeopathic Medicines
14.	Tyler M.L.	Homoeopathic Drug Pictures
15.	Bhanja KC	Master Key to Materia Medica
16.	Pierce W.E.	Plain Talks on Materia Medica

2.19 Reference books

Sl. No	Author	Name of Book
1.	Hahnemann S.	Materia Medica Pura
2.	Hahnemann S.	Chronic Diseases
3.	Hering C.	Guiding Symptoms of our Materia Medica
4.	Hughes R. & Dake J.P.	A Cyclopaedia of Drug Pathogenesis
5.	Hering C.	Condensed Materia Medica
6.	Allen T.F	Encyclopaedia of Pure Materia Medica
7.	Allen T.F	Hand Book of Materia Medica and Homoeopathic Therapeutics
8.	Allen H.C.	The Materia Medica of Some important Nosodes
9.	Julian OA	Materia Medica of New Homeopathic Remedies

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| 10. | Julian OA | Materia Medica of Nosodes |
| 11. | Ghose S.C. | Drugs of Hindustan |
| 12. | Farrington E.A. | The Comparative Materia Medica |
| 13. | Roberts H.A. | The Study of Remedies by Comparison |
| 14. | Nash E.B. | Regional Leaders |
| 15. | Guernsey H.N | Keynotes of the Materia Medica |
| 16. | Dunham C. | Lectures on Materia Medica |
| 17. | Anshutz E.P | New, Old & Forgotten Remedies |
| 18. | Leesser O. | Text book of Homoeopathic Materia Medica |
| 19. | Dubey S.K. | Text book of Materia Medica |
| 20. | Boericke W | The Twelve Tissue Remedies of Schussler |
| 21. | Borland D | Pneumonias |
| 22. | Hughes R. | A Manual of Pharmacodynamics |
| 23. | Burnett | Best of Burnett |
| 24. | Farrington E.A. | Lesser Writings with Therapeutic Hints and
Some Clinical Cases |
| 25. | Tyler M.L. | Pointers to Common Remedies |
| 26. | Dewey W. | Practical Homoeopathic Therapeutics |
| 27. | Bhanja KC | The Homoeopathic Prescriber |
| 28. | Clarke J.H. | The Prescriber |
| 29. | Hoyne T.S. | Clinical Therapeutics |
| 30. | Lilienthal S. | Homoeopathic Therapeutics |
| 31. | Foubister D.M. | Carcinosin Drug Picture |
| 32. | Vithoukias G. | Materia Medica Viva |
| 33. | Vithoukias G | Talks on Materia Medica |
| 34. | Vithoukias G | Essence of Materia Medica |
| 35. | Coulter C. | Portrait of Homoeopathic Medicines |
| 36. | Bailey P.M. | Homoeopathic Psychology |
| 37. | Sankaran R. | Soul of Remedies |
| 38. | Singh R. | An introduction to the study of Homoeopathic
Materia Medica |
| 39. | Bhasme A. | How to study Materia Medica |
| 40. | Chitkara HL | Comprehensive Homoeopathic Materia Medica
of the Mind |

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| 41. | Cowperthwaite AC | Text Book of Homoeopathic Materia Medica |
| 42. | ICR Mumbai | ICR Symposium on Hahnemannian Totality – Area D, E, F |
| 43. | Murphy R | Lotus Materia Medica |
| 44. | Tejinder Singh | Principles of Medical Education |
| 45. | Pritha Bhuiyan | The art of teaching medical students |
| 46. | Ronald M Harden | Essential skills for a medical teacher |
| 47. | Waseem Ahmed | Genetics and Genomics |
| 48. | Thompson & Thompson | Genetics in medicine by |
| 49. | Davidson`s principles and practice of Medicine | |
| 50. | Harrison`s Principles of Medicine. | |
| 51. | Analysis of the Rubric/ Symptoms of Dr Kent`s Repertory : Dr R P Patel | |
| 52. | Essentials of Repertorisation : Dr S K Tiwari | |
| 53. | A comparison of chronic miasms – Phyllis Speight | |
| 54. | Miasmatic Diagnosis – S.K. Banerjee | |

2.20 Journals

All available journals related to the subject

2.21 Logbook

Logbook serve as a document of the trainee`s work. The trainee shall maintain this Logbook of Journal review presentation/ Seminar presentation/ Clinical works in IPD and OPD/ Clinical presentation/ Teaching skill practice and Dissertation presentation and shall be counter signed by concerned HOD

3. EXAMINATIONS

3.1 Eligibility to appear for exams [including Supplementary]

As per the clause “Schedule i.e., approximate months of regular / supplementary exams” given below

3.2 Schedule of Regular/Supplementary exams

- a) The university examination for a subject shall be conducted twice in a year at an interval of 4-6 months, as notified by the university from time to time.
- b) The supplementary examination will be held within 6 months of regular examination and failed students shall be eligible to appear in its supplementary examinations as the case may be.
- c) In case a student fails to appear in regular examination for cognitive reason, he/she will appear in supplementary examination as regular students. In such cases, his/ her nonappearance in regular examination will not be treated as an attempt. Such students after passing examination will join the studies with regular students and appear for next professional examination after completion of the required period of study.

3.3 Scheme of examination showing maximum marks and minimum marks

The examination shall be conducted in two parts namely:

(a) M.D. (Hom.) Part I, which is to be held six months after completion of house job of one year's duration.

(b) M.D. (Hom.)Part II, which is to be held one year six months after Part I examination.

Part I Examination

Every candidate seeking admission to Part I of the examination shall submit application to the University with the following documents, namely:

- a) A certificate from the Principal or Head of the institution about the completion of the course of studies in the subjects in which the candidate seeks admission to the examination; and
- b) Certificate of having completed one-year house job in the collegiate hospital.

Examiners

a. Qualifications:

- i. MD (Hom). Regular degree (3 years of regular study).
- ii. Professor or Reader/Associate Professor with a total teaching experience of not less than seven years in the concerned subject

b. A panel of examiners shall be prepared by the University for a period of 3 years

c. One of examiners shall be the guide. Minimum number of examiners shall be four out of which 50% should be external.

With a view to providing experience to prospective internal examiner, Skilled Assistants may be permitted, in concurrence with the External Examiners, to be present in the Examination Hall. The role of skilled assistants, however, shall be confidential, only to carrying out the instructions of the Examiners

(i) Part-IM.D. (Hom.) Examinations-Full marks for each subject and minimum number of marks required to pass shall be as follows:-

M.D. (Hom) Materia medica

Subjects	Theory		Practical including viva-voce		Total	Pass marks
	Max	Min	Max	Min		
1. Materia medica	100	50	50	25	150	75
2. Research methodology & bio-statistics	100	50	-	-	100	50
3. Advanced teaching of fundamentals of Homoeopathy	100	50	50	25	150	75

(II) Part –II M.D. (Hom.) Examination-Full marks of each subject and minimum number of marks required to pass shall be as under

Subjects	Theory	Practical including	Total	Pass marks
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			viva-voce			
	Max	Min	Max	Min		
Paper 1 - Materia medica	100	50				
Paper 2 - Materia medica	100	50				
Paper 3- Practice of medicine	100	50	250	125	550	275

3.4 Papers in each year

As given under clause no: 2.10

3.5 Details of theory exams

As given under clause no: 2.10 & 3.3

3.6 Model Question paper for each subject with question paper pattern

See Annexure 1

3.7 Internal assessment component

Not applicable

3.8 Details of practical/clinical exams to include Duration Marks Types of cases/ questions

As given under clause “Content of each subject in each year “ & “Scheme of examination showing maximum marks and minimum marks “ see 3.3 &3.10

3.9 Number of examiners needed (Internal & External) and their qualifications

As given under clause no: 3.3

3.10 Details of viva:

Division of marks

Viva-voce shall be conducted separately by each examiner and coordinated by the senior most internal examiner. The same person shall finalize the mark sheet of practical and Viva-

voce examinations, in consultation with the other examiners. The examination shall be aimed to test the clinical acumen, ability and working knowledge of the student in the practical aspect of the speciality and his/her fitness to work independently as a specialist.

Division of marks of viva/ practical should be as follows

PART 1

PAPER I-Materia Medica

Practical		
Sl No	Item	Marks
1	Short case	5
2	Long case	10
3	Log book	10
4	Total (1+2+3)	25
Viva Voce		
5	Viva Voce	25
6	Grand total (4+5)	50

PAPER III- Advanced teaching of the Fundamentals of homoeopathy

Practical		
Sl. No	Item	Marks
1	Long case	10
2	Micro Teaching	10
3	Log book	5
4	Total (1+2+3)	25
Viva Voce		
5	Viva Voce	25
6	Grand total (4+5)	50

PART II

Practical:				
Sl No	Item		Marks	
1	Short case		20	
2	Long case	Presentation	10	50
		Clinical Examinations-	10	
		Provisional diagnosis, D/d ,investigations	10	
		Case analysis, evaluation	10	
		General and medicinal management	10	
3	Spotters-(X-ray ,ECG, Lab investigations etc..) (5 items x 3 marks each)		15	
4	Micro teaching		5	
5	Log book		10	
6	Total (1+2+3+4+5)		100	
Viva voce based on				
7	Speciality		100	
8	Dissertation		50	
9	Total (7+8)		150	
10	Grand Total(6+9)		250	

4 INTERNSHIP

4.1 Eligibility for internship

Not applicable for PG courses

4.2 Details of internship

Not applicable for PG courses

4.3 Model of Internship Mark lists

Not applicable for PG courses

5 ANNEXURES

5.1 Check Lists for Monitoring:

Log Book, Seminar Assessment etc. As shown under clause “Logbook

5.2 Template for Dissertation

As given under clause “Dissertation: Guide/ Co-Guide / Change of Guide “

5.3 Template for Mark List showing Maximum & Minimum

KERALA UNIVERSITY OF HEALTH SCIENCES

THRISSUR – 680596

STATEMENT OF MARKS

Name of the Candidate:

Reg.No:

Name of College:

Name of Course: MD (Hom) MATERIA MEDICINA

Examination: MD (Hom) Materia Medica Part II Regular Examination

Moth & Year of Examination:

Date of Publication:

Subjects	Theory			Practical/ viva			Total			Remarks
	Max	Min	Awar ded	Max.	Min.	Awar ded	Max .	Min.	Awar ded	
Paper 1 - Materia Medica	100	50		250	125		550	275		
Paper 2- Materia Medica	100	50								
Paper 3-Practice of medicine	100	50								
Grand Total							550	275		
Total in words										

Annexure I

MD (Hom) Part I Degree Examinations

Speciality: Materia Medica

Paper I - Materia Medica

Time: 3 Hrs

Max. Marks: 100

- Answer all questions
- Draw diagrams whenever necessary

Essay: (20)

1. Discuss the group characteristics of Kali group of remedies. Elucidate the mental state of Causticum. How will you differentiate Causticum & Phosphorus (10 + 5 + 5)

Short Essays: (8x10=80)

2. How will you study Materia Medica? Write the different ways of studying Materia Medica.

3. Make a critical review of Herring's "Guiding Symptoms"

4. Compare and contrast the following: 5 x 2

- Alumina & Alumen rectal complaints
- Naphthalinum & Natrum ars in allergic disorders

5. Differentiate the following: 5 x 2

- Graphites & Kreosote in cancer stomach
- Picric acid & Zincum met in spinal affections

6. Write the group characteristics of Mercury group. Add a note on Merc Proto Iod & Merc Bin Iod (6+4)

7. Describe briefly sources & evolution of Homoeopathic Materia Medica
8. Describe a platina lady. Contrast the mental state with Palladium
9. Give the portrait of an Iodum child. Add a note on its relationship (8+2)

MD (Hom.) Part I Degree Examinations
Paper II - Research Methodology and Biostatistics
(Common to all specialties)

Time: 3 Hrs

Max. Marks: 100

- Answer all questions
- Draw diagrams whenever necessary

Essay:

(20)

1. Discuss the need and utility of planning of statistical design. Explain clearly the steps involved in conducting a clinical trial.

Short Essays:

(8x10=80)

- 2) Two types of diets were administered to two groups of boys for increase in weight and the following increases in weight (in lbs.) were recorded after 20 days
Increase in weight Diet A: 4, 3, 2, 2, 10, 5, 6, 3 :Diet B: 5, 4, 4, 2, 3, 2, 7, 1 .Test whether there is any significant difference between the two diets with respect to increase in weight.
- 3) What are the research challenges in Homoeopathy and the methods to overcome it?
- 4) How will you plan a research study?
- 5) What are different methods of data collections?
- 6) Define the scope of Biostatistics in clinical research
- 7) Which are the different sampling techniques and compare its merits
- 8) Discuss merits and demerits of different statistical soft wares

9) Difference between Mean, Median and Mode

MD (Hom.) Part I Degree Examinations
Paper III - Advanced Teaching of Fundamentals of Homoeopathy
(Common to all speciality)

Time: 3 Hrs

Max. Marks: 100

- Answer all questions
- Draw diagrams whenever necessary

Essay:

(20)

1. Discuss the role of miasms in the pathogenesis, clinical presentation and complications of Type II Diabetes Mellitus. Discuss the therapeutics based on Kent's Repertory

Short Essays:

(8x10=80)

2. Elaborate the sycotic component of Medorrhinum & Thuja in the mental sphere.
3. Illustrate the remedy relationship between Pulsatilla, Silicea & Fluoric acid
4. What is anamnesis? How does the history, history of presenting complaint, family history & treatment history help in case taking & repertorisation. Explain with example from different repertories
5. Comment on the merits of software in repertory. Make brief note on salient features of RADAR, COMPLETE DYNAMICS & HOMPETH
6. Describe the various criteria for selection of potency & repetition of remedy
7. Discuss in detail on evaluation of symptoms
8. Write a note on disorders of copper metabolism, its clinical presentation & miasmatic basis
9. Briefly describe Complication of Mumps, with indications of Pulsatilla & Jaborandi in management

MD (Hom) Part II Degree Examinations

Speciality: Materia Medica

Paper I - Materia Medica

Time: 3 Hrs

Max. Marks: 100

- Answer all questions
- Draw diagrams whenever necessary

Essay:

(20)

1. Discuss the group characteristics of Ophidia. Give indications in Haemorrhagic disorders of

a) Crotalus Horridus b) Lachesis c) Elaps (8 + 12)

Short Essays:

(8x10=80)

2. Write the group features of solanacea family? Differentiate Belladonna, Stramonium and Hyosyamus in various types of fevers.

3. Describe the general features of arachnidan. Add a note on sycotic manifestations of Aranea

Diadema

4. Compare and contrast the following: (5 x 2)

- Asafoetida & Moschus in Hysteria
- Asterias reubens and Opium in apoplexy

5. Differentiate the following: (5 x 2)

- Pulsatilla & Stellaria media in rheumatic affections
- Absinthium and Oenanthe crocata in epilepsy

6. Give the characteristic symptoms of Elaps Cor
7. Give the characteristic symptoms of following Cistus canandaensis
8. Write briefly on clinical utility on Coccus cacti
9. Describe a brief picture of Capsicum

MD (Hom.) Part II Degree Examinations
Speciality – Materia Medica
Paper II – Materia Medica

Time: 3 Hrs

Max. Marks: 100

- Answer all questions
- Draw diagrams whenever necessary

Essay:

(20)

1. Discuss the group characteristics of Milk remedies. Describe in brief Lac caninum
Write in detail

Short Essays:

(8x10=80)

2. Discuss in detail Medorrhinum child
3. What are Imponderabilia? Briefly describe clinical application of any one.
4. Write the indications of following remedies in angina pectoris :
a) Tabacum b) Latrodectus mactans c) Crategus d) Haemotoxylon.
5. Describe the characteristics of the following remedies in acid peptic disease
a) Robinia b) Iris Versicolor 5 x 2
6. Give the characteristic symptoms of Ambra Grisea
7. Give the characteristic symptoms of Bacillinum
8. Write briefly on Magnets & its therapeutic use

9. Write briefly on Clinical utility of Thyroidinum

MD (Hom.) Part II Degree Examinations
Paper III – Practice of Medicine

(Common for Materia Medica, Homoeopathic Philosophy, Repertory & Psychiatry
Specialties)

Time: 3 Hrs

Max. Marks: 100

- Answer all questions
- Draw diagrams whenever necessary

Essay:

(20)

1. Discuss the differential diagnosis of Polyarthrits. How will you diagnose and manage a case of SLE. Comment on the role of miasms in its aetio-pathogenesis & clinical manifestations.

Short Essays:

(8x10=80)

2. Discuss the differential diagnosis of tremor. Write the clinical presentation and role of anti miasmatic medicines in the management of Parkinsonism
3. Discuss investigations to be done in a patient presenting with secondary hypertension. Write a note on complications of Hypertension
4. Write the various radiological changes in the chest x-ray in a patient with Bronchogenic Carcinoma. Discuss the role of repertory in managing a case of bronchogenic carcinoma.

5. Write the differential diagnosis of papulo-squamous skin disorders. Discuss the clinical presentation and its homoeopathic management & reportorial approach
6. Discuss the aetiopathology & clinical presentation of hereditary spherocytosis. Comment on its miasmatic background.
7. Write in detail the investigation to be done in a patient presenting acute pancreatitis. Discuss its complication and rubrics.
8. Discuss the cause and clinical presentation of hyponatremia
9. Comment on Renal Profile. Discuss the management of acute renal failure. Give important rubrics from synthesis