

**Subject:** Homoeopathic Materia Medica

**Subject code:** HomUG-HMM-II

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## **1. Preamble**

Homoeopathic Materia Medica is the study of the action of drugs on healthy human being as a whole taking into consideration individual susceptibility and its reaction to various circumstances and time. A good prescription by a Homoeopath mainly depends upon the case receiving, processing and a sound knowledge of Homoeopathic Materia Medica.

Each drug in Materia Medica not only has its own personality with its mental and physical constitution but also has its own affinity to an area, direction, spread, tissue, organ; system. Study of a drug in context of altered sensation, function and structure covers the Pathology caused by it, which is also expressed in the pathogenesis of the drugs. Materia Medica also has symptoms from Toxicological and Clinical proving. All this knowledge is of utmost importance in order to apply the remedies in various clinical conditions. This can be achieved only by integrating the study of Materia Medica with other parallel subjects taught during the course.

Apart from the source books of Materia Medica there are different types of Materia Medica constructed on different philosophical backgrounds by different authors. Materia Medica also forms the platform of various repertories. Therefore, it becomes very important for a student of Homoeopathy to learn the plan and construction of all the basic Materia Medica in order to understand their practical utility in practice.

It is also important to keep in mind that the end point of the teaching of HMM is not to burden the student with information of a greater number of remedies but to equip with an approach which will help to develop the vision towards self-guided study and apply the knowledge in practice.

This self-directed learning can ultimately lead to a critical approach of studying Materia Medica hence empowering evidence-based practice and initiate the process of lifelong learning. Exploring Materia Medica is an endless journey as newer illnesses will keep on emerging and newer drugs or undiscovered facets of existing drugs will be needed to explore for managing these situations.

## **2. Course outcomes**

- i. To grasp the basic concept and philosophy of Homeopathic Materia Medica based on Hahnemannian directions
- ii. To understand the different sources and types of Materia Medica
- iii. To mould Homoeopathic students by equipping them to readily grasp the symptoms of the sick individual corresponding to the symptoms of the drug.
- iv. To understand the drug with its pharmacological data, adaptability, sphere of action, along with characteristic sensations and functions both at level of mind and body along with doctrine of signatures.
- v. To construct the portrait of the drug with its predisposition, disposition both mental and physical, diathesis and disease expression with Miasmatic correlation and its susceptibility expression at various times taking in to consideration of the environment around him/ her.
- vi. To understand the drug from its therapeutic application in various pathological conditions and allied clinical subjects like practice of medicine, surgery, obstetrics and gynaecology.
- vii. To understand the group characteristics of the drugs and the individualizing symptoms of the individual remedies of the group.
- viii. To differentiate medicines arising from the reportorial process and to arrive at an appropriate simillimum.
- ix. To grasp the concept of remedy relationship and its application in practice
- x. To understand the Miasmatic expressions and evolution in a given drug
- xi. To understand and apply the bio-chemic system of medicine in practice
- xii. To understand and apply the utility of mother tinctures in practice

### **3. Learning objectives**

At the end of BHMS II course, the students should be able to-

- i. Discuss the different approaches for studying Homoeopathic Materia Medica.
- ii. Understand the drug picture of medicines in the syllabus of II BHMS in context of its pharmacological data, constitution, temperament, sphere of action, pathogenesis, ailments from, modalities, mentals, physical generals and particulars, miasm and relationship with other remedies including the doctrine of Signature.
- iii. Integrate the knowledge of Anatomy, Physiology, Pharmacy, Psychology, Organon of Medicine, Pathology and Toxicology for the understanding of a particular drug.
- iv. Compare and contrast symptoms of similar remedies of I and II BHMS syllabus.
- v. Demonstrate the steps of case taking as per guidelines given in Organon of medicine.
- vi. Demonstrate basic physical examination skills.
- vii. Recognise the importance of interpretation of basic investigations in a given case.
- viii. Analyse the symptoms of a case to categorize them as Mentals, Physical Generals and Particulars.
- ix. Recognise the PQRS of a drug in the case taken.

### **4. Course content and its term-wise distribution (theory)**

#### **4.1 Introductory lectures**

- 4.1.1** Assessment of Entry Behaviour for I BHMS syllabus
- 4.1.2** Different approaches for studying Homoeopathic Materia Medica
- 4.1.3** Integrating the knowledge of Pathology, Toxicology, Practice of Medicine, Surgery and Gynaecology-Obstetrics in a better understanding of Homoeopathic Materia Medica

#### 4.2 Homoeopathic medicines:

1. Acetic Acid	17. Cactus Grandiflorus	33. Helleborus Niger
2. ActeaRacemosa	18. Calcarea Arsenicosa	34. Hyoscyamus Niger
3. Aesculus Hippocastanum	19. Calcarea Iodata	35. Kali Bichromicum
4. AgaricusMuscarius	20. Camphora	36. Kali Bromatum
5. Agnus Castus	21. Cannabis Indica	37. KaliCarbonicum
6. Alumina	22. Cannabis Sativa	38. Natrum Carbonicum
7. Ambra Grisea	23. Cantharis	39. Nux Moschata
8. AnacardiumOrientalis	24. Cardus Marianus	40. Opium
9. Antimonium Arsenicosum	25. Causticum	41. Petroleum
10. ApocynumCannabinum	26. Ceanothus Americanus	42. Phosphorus
11. Arsenicum Iodatum	27. Chelidonium Majus	43. Secale Cornutum
12. Argentum Nitricum	28. Chininum Arsenicosum	44. Sepia
13. BaptisiaTinctoria	29. Digitalis Purpurea	45. Stramonium
14. Berberis Vulgaris	30. Echinacea Angustifolia	46. Thuja Occidentalis
15. Bellis Perennis	31. Equisatum Hyemale	47. Urtica Urens
16. Bromium	32. Ferrum Metallicum	48. Veratrum Album

### 4.3 Content for Term I

#### 4.3.1 Introductory Lectures:

4.3.1.1 Assessment of Entry Behavior for I BHMS syllabus

4.3.1.1.1 Different approaches for studying Homoeopathic Materia Medica

4.3.1.2 Integrating the knowledge of Pathology, Toxicology, Practice of Medicine, Surgery and Gynaecology-Obstetrics in better understanding of Homoeopathic Materia Medica

#### 4.3.2 Homoeopathic medicines:

1. Acetic Acid	9. Cardus Marianus	17. Kali Bromatum
2. Aesculus Hippocastanum	10. Causticum	18. Kali Carbonicum
3. Agaricus Muscarius	11. Ceanothus Americanus	19. Natrum Carbonicum
4. Alumina	12. Chelidonium Majus	20. Opium
5. Anacardium Orientalis	13. Chininum Arsenicosum	21. Thuja Occidentalis
6. Apocynum Cannabinum	14. EchinaceaAngustifolia	22. Urtica Urens
7. Baptisia Tinctoria	15. Helleborus Niger	
8. Bellis Perennis	16. Kali Bichromicum	

### 4.4 Contents for Term II:

#### Homoeopathic medicines:

1. Actea Racemosa	11. Calcarea Iodatum	21. Petroleum
2. Agnus Castus	12. Camphora	22. Phosphorus
3. Ambra Grisea	13. Cannabis Indica	23. Secale Cornutum
4. AntimoniumArsenicosum	14. Cannabis Sativa	24. Sepia
5. Argentum Nitricum	15. Cantheris	25. Stramonium
6. Arsenicum Iodatum	16. DigitalisPurpurea	26. Veratrum Album
7. Berbers Vulgaris	17. EquisatumHyemale	
8. Bromium	18. Ferrum Metallicum	
9. Cactus Grandiflora	19. Hyoscyamus Niger	
10. Calcarea Aarsenicosum	20. Nux Moschata	

*Non-lectures shall be equally distributed to both term I and II, as per the feasibility of individual institution*

## 5. Teaching hours

### 5.1. Gross division of teaching hours

<b>Homoeopathic Materia Medica</b>		
<b>Year</b>	<b>Teaching hours- Lectures</b>	<b>Teaching hours- Non-lectures</b>
II BHMS	150	100

### 5.2. Teaching hours theory

<b>S. No.</b>	<b>List of Topics</b>	<b>Hours</b>
1.	Assessment of Entry Behavior of I BHMS syllabus	2
2.	Different approaches for studying Homoeopathic Materia Medica	4
3.	Integrating the knowledge of Pathology and Toxicology, Practice of Medicine, Surgery and Gynaecology-Obstetrics in better understanding of Homoeopathic Materia Medica	2
4.	Study of Drug pictures (Term I)	70
5.	Study of Drug pictures (Term II)	72
	<b>Total</b>	<b>150</b>

### 5.3. Teaching hours Non-lecture

Sr. No	Non-Lecture Teaching Learning methods	Term	Time Allotted per Activity (Hours)
1	Clinical(to be integrated with topics under Pathology, Practice of Medicine, Surgery and ObGy)	I & II	75
2	Demonstration	I & II	25 (Distribution as mentioned below)
2(a)	Seminar / Tutorials		10
2(b)	Problem based learning/ Case Based Learning		10
2(c)	Assignment/ Symposium / Group discussion		5
	<b>Total</b>		<b>100</b>

## 6. Content mapping (competencies table)

### 6.1 Competencies table theory

Sl. No.	Competency	Millers Level:	Content	SLO/ Outcome	Blooms Domain / Guilbert's Level	Priority	T-L Methods/ media	Assessment		Integration
								Formative	Summative	
HomUG -HMM- II-1.	K & S PC HO	KH K	Assessment of Entry Behaviour of I BHMS syllabus	Recall the knowledge of I BHMS syllabus for Materia Medica	C1	MK	Group Discussion	MCQ, viva	MCQ SAQ LAQ	Spiral integration with Homoeopathic Materia Medica Vertical integration with Anatomy,Physiology,Pharmacy, Psychology, Organon)
HomUG -HMM- II-2.1				Enumerate the different approaches for studying Homoeopathic Materia medica				MCQ Assignment PPT	SAQ	
HomUG -HMM- II-2.2				Explore the scope and limitation of each approaches for studying Homoeopathic Materia Medica				Project viva		

Sl. No.	Competency	Millers Level:	Content	SLO/ Outcome	Blooms Domain / Guilbert's Level	Priority	T-L Methods/ media	Assessment		Integration
								Formative	Summative	
<b>HomUG -HMM- II-3.</b>	K & S PC HO	KH K	Individual Homoeopathic medicines	Integrate the knowledge of Pathology, toxicology, Practice of Medicine, Surgery and Gynaecology-Obstetrics in understanding the evolution of symptoms of remedies	C2	MK	Lecture Team teaching	MCQ Assignment Project viva	SAQ	<b>Horizontal integration</b> with subjects of Pathology Toxicology , and Organon
<b>HomUG -HMM- II-4.1</b>				Mention the common name, source/ family/kingdom and the prover	C1	NK	Lecture/ Specimen	MCQ Viva	MCQ	<b>Vertical integration</b> with Pharmacy
<b>HomUG -HMM- II-4.2</b>				Correlate with doctrine of signature	C2	NK	Lecture/ Specimen	MCQ Viva	MCQ	<b>Vertical integration</b> with Pharmacy and Physiology
<b>HomUG -HMM- II-4.3</b>				List the sphere of action	C1	MK	Lecture Self – learning	Assignment Project	LAQ SAQ MCQ	<b>Horizontal</b>

Sl. No.	Competency	Millers Level:	Content	SLO/ Outcome	Blooms Domain / Guilbert's Level	Priority	T-L Methods/ media	Assessment		Integration
								Formative	Summative	
<b>HomUG -HMM- II-4.4</b>				Narrate the 'ailments from'	C1		Small Group Discussion Black Board PPT Handouts Role play PBL	MCQ	Viva	<b>Integration with Pathology, Toxicology,</b>
				Describe the constitution and temperament	C1					ObGy,PM, Surgery and Organon
				Explain the mental symptoms	C1					<b>Vertical integration with Anatomy Pharmacy , Psychology and Physiology</b>
				Explain the physical generals	C1					
				Outline the general modalities	C1					
				Describe the particular symptoms and modalities	C2					
				Correlate pathogenesis with knowledge of Toxicology, Pathology, Practice of Medicine, Surgery and	C2					

Sl. No.	Competency	Millers Level:	Content	SLO/ Outcome  Gynaecology-Obstetrics and miasm	Blooms Domain / Guilbert's Level	Priority	T-L Methods/ media	Assessment		Integration
								Formative	Summative	
<b>HomUG -HMM- II-4.11</b>				Mention the Relationships of medicines	C2					
<b>HomUG -HMM- II-4.12</b>				Compare and contrast from the related remedies of First and Second BHMS Syllabus						

## 6.2 Competencies table practical/clinical

S. No.	Domain of Competency	Millers Level:	Content	SLO/ Outcome	Blooms Domain / Guilbert 's Level	Priority	T-L Methods/media	Assessment		Integration
								Formative	Summative	
HomUG-HMM-II-5.1	K & S PC HO CS PBLI Prf	SH KH	Case taking	Demonstrate the steps of case taking as per guidelines given in Organon of medicine.	P/A2	MK	Demonstration Checklist	CBD Small project	Clinical performance	<b>Horizontal Integration</b> with Pathology, ObGy, Surgery, Practice of Medicine and Organon
HomUG-HMM-II-5.2			Clinical examination	Demonstrate the basic clinical examination skills	P/A2					
HomUG-HMM-II-5.3			Interpretation of investigation	Recognise the importance of interpretation of basic investigations.	C2					
HomUG-HMM-II-5.4			Case analysis	Analyse the symptoms to segregate the characteristic Mental, Physical General and Particulars	C2					

## 7. Teaching learning methods

<b>Lectures (Theory)</b>	<b>Non-lectures (Practical/Demonstrative)</b>
Lectures	Clinical demonstration
Small group discussion	Problem based discussion
Integrated lectures	Case based learning
	Tutorials
	Seminars
	Symposium
	Assignments
	Library reference
	Self-learning

## 8. Details of assessment

### 8.1 Overall Scheme of Assessment (Summative)

Sr. No	Professional Course	Term I (1-6 Months)		Term II (7-12 Months)		
1	Second Professional BHMS	PA I (end of 3 months)	TT I (end of 6 months)	PA II (end of 9 months)	FUE (end of 12 months)	
		10 Marks Viva	50 Marks Practical/ Viva <ul style="list-style-type: none"><li>i) Viva voce -25 marks</li><li>ii) Clinical performance – 25 marks (Case Taking and analysis of symptoms)</li></ul>	10 Marks Viva	100 marks theory	100 marks (Clinical/practical+ Viva+ IA)

**PA: Periodical Assessment; TT: Term Test; FUE: Final University Examinations; IA: Internal Assessment**

## 8.2 Number of papers and marks distribution for Final University Examination (FUE)

Sr. No.	Course Code	Papers	Theory	Practical/ Clinical	Viva Voce	Internal Assessment**	Grand Total
1	HomUG-HMM-II	01	100 marks*	50 marks  i) Journal -10 marks (Five acute and 5 chronic cases)  ii) Case taking and analysis of symptoms --- 40 marks	40 marks	10 marks (Marks of PA I + TT I + PA II)	200marks

\*30 % of questions shall be from I BHMS syllabus and 70 % of questions shall be from II BHMS syllabus.

\*\*Method of calculation of Internal Assessment marks for Final University Examination:

Marks of IA-  $(\text{Marks of PA-1} + \text{Marks of TT} + \text{Marks of PA-2}) / 70 \times 10$

### 8.3 Paper Layout

#### Summative assessment (FUE): Theory- 100 marks

<b>MCQ</b>	<b>10 marks</b>
<b>SAQ</b>	<b>40 marks</b>
<b>LAQ</b>	<b>50 marks</b>

### 8.4 Distribution of questions for theory exam

<b>Sr. No</b>	<b>Paper</b>	<b>A List of Topics</b>	<b>B Term</b>	<b>C Marks</b>	<b>D Type of Questions</b>		
					<b>MCQ (1 Mark)</b>	<b>SAQ (5 Marks)</b>	<b>LAQ (10 Marks)</b>
1	BHMS I Syllabus	-		Refer to table 8.5 below	05	03	01
2	Different approaches for studying Homoeopathic Materia Medica	I			0	01	0
3	Integrating the knowledge of Pathology and Toxicology in better understanding of Homoeopathic Materia Medica	I			0	0	0
4	Homoeopathic Medicines of II BHMS (48)	I&II			05	04	04

### 8.5 Theme-wise distribution:

Theme	Topics	Term	Marks	MCQ's	SAQ's	LAQ's
A-D	BHMS I Syllabus	-	30	5	3	1
E	Different approaches for studying Homoeopathic Materia Medica	I	5	0	1	0
F	Homoeopathic Medicines of II BHMS (48)	I&II	65	5	4	4

### 8.6 Question paper blueprint

A Question Serial Number	B Type of Question	Question Paper Format (Refer table 8.5 for themes)
Q1	Multiple Choice Questions(MCQ) 10 Questions 1 mark each All compulsory Must know part: 7 MCQ Desirable to know: 2 MCQ. Nice to know: 1 MCQ	1. Theme A-D 2. Theme A-D 3. Theme A-D 4. Theme A-D 5. Theme A-D 6. Theme F 7. Theme F 8. Theme F 9. Theme F 10. Theme F

Q2	<p>Short answer Questions (SAQ)</p> <p>Eight Questions</p> <p>5 Marks Each</p> <p>All compulsory</p> <p>Must Know part: 6 SAQ</p> <p>Desirable to Know: 2 SAQ</p>	<ol style="list-style-type: none"> <li>1. Theme A-D</li> <li>2. Theme A-D</li> <li>3. Theme A-D</li> <li>4. Theme E</li> <li>5. Theme F</li> <li>6. Theme F</li> <li>7. Theme F</li> <li>8. Theme F</li> </ol>
Q3	<p>Long answer Questions (LAQ)</p> <p>Five Questions</p> <p>10 marks each</p> <p>All compulsory</p> <p>All questions on Must Know</p> <p>No Questions on Nice to Know and Desirable to Know</p>	<ol style="list-style-type: none"> <li>1. Theme A-D</li> <li>2. Theme F</li> <li>3. Theme F</li> <li>4. Theme F</li> <li>5. Theme F</li> </ol>

## **9. List of recommended text/reference books**

- Allen H.C. (2005). Keynotes Rearranged and Classified with Leading Remedies of the Materia Medica and Bowel Nosodes, (Reprint edition), B.Jain Publishers, New Delhi
- ChoudhuriN.M.(2006).A Study On Materia Medica Enriched with real case studies,(Reprint revised edition).B.Jain Publishers, New Delhi.
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- FarringtonE.A. (2007) Lectures on Clinical Materia Medica in family order (Fourth edition.)B Jain Publishers Pvt Ltd, New Delhi.
- FarringtonE.A. (2005), Comparative Materia Medica. (Reprint edition.) B.Jain Publishers, New Delhi.
- Boericke W,Dewey W,2016,The Twelve Tissue Remedies by Schussler,Reprint edition,B.Jain Publishers,New Delhi
- All source books.

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