<u>Subject- Homoeopathic Materia Medica</u>

Subject code: HomUG-HMM-I

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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 more number of remedies but to equip with an approach which will help to develop the vision towards self-quided 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. PROGRAM OUTCOMES:

At the end of BHMS program, a student must

- 1. Develop the competencies essential for primary health care in clinical diagnosis and treatment of diseases through the judicious application of homoeopathic principles
- 2. Recognize the scope and limitation of homoeopathy and to apply the Homoeopathic Principles for curative, prophylactic, promotive, palliative, and rehabilitative primary health care for the benefit of the individual and community.
- Discern the relevance of other systems of medical practice for rational use of cross referral and life saving measures, so as to address clinical emergences
- 4. Develop capacity for critical thinking and research aptitude as required for evidence based homoeopathic practice.
- 5. Demonstrate aptitude for lifelong learning and develop competencies as and when conditions of practice demand.
- 6. Be competent enough to practice homoeopathy as per the medical ethics and professionalism.
- 7. Develop the necessary communication skills to work as a team member in various healthcare setting and contribute towards the larger goals of national policies such as school health, community health, environmental conservation.
- 8. Identify and respect the socio-demographic, psychological, cultural, environmental & economic factors that affect health and disease and plan homoeopathic intervention to achieve the sustainable development Goal.

3. COURSE OUTCOMES

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

- 1. Define the homoeopathic Materia Medica.
- 2. Understand the philosophy of homoeopathic Materia Medica.
- 3. Describe evolution, sources and construction of different types of Homoeopathic Materia Medica.
- 4. Enumerate the scope and limitations of Homoeopathic Materia Medica.
- 5. Evolve the portrait and symptomatology of a particular drug using the knowledge of pharmacy, psychology, anatomy, physiology and Organon of medicine.
- 6. Observe the symptoms of a particular medicine in a clinical set-up with emphasis on individualizing symptoms.

Learning Objectives

- 1. To define the homoeopathic Materia Medica and grasp the basic concept with philosophy of it based on Hahnemannian directions.
- 2. To discuss different sources and types of homoeopathic Materia Medica.
- 3. To understand the drug in context of its pharmacological data, constitution, temperament, sphere of action, pathogenesis, both mental and physical generals, particular symptoms, characteristic/ individualising symptoms, general and particular modalities, relationship with other remedies including doctrine of signature.
- 4. To study and understand the bio-chemic system of medicine.
- 5. To identify the symptoms of a sick individual corresponding to the symptoms of a particular drug.
- 6. To develop an insight into scopes and limitations of homoeopathic Materia Medica.

4. 4 TEACHING HOURS

Distribution of Teaching Hours:

Homoeopathic Materia Medica		
Year	Teaching hours- Lectures	Teaching hours- Non-lectures
1 st BHMS	120	75

4. A. Teaching Hours Theory:

S. no.	List of Topics	Hours
1.	Definition and introduction of Materia Medica	2
2.	Types of Homoeopathic Materia Medica	3
3.	Sources of Homoeopathic Materia Medica	3
4.	Study of drug picture (term I)	32
5.	Study of drug picture (term II)	33
6.	Theory of Bio chemic salts	2
7.	Individual bio chemic salts	15
8.	Study of drug picture (term III)	29
9.	Scope and Limitation of HMM	1

Total	120

4.B. Teaching Hours Non-lecture:

Sr. No	A	В	С
	Study Setting	Term	Teaching Hours
1	OPD/IPD/Classroom	&	75

Non-Lecture Activities (Practical)-

Sr. No	Non Lecture Teaching Learning methods	Time Allotted per Activity
		(Hours)
1	Group Discussions	5
2	Problem based learning	5
3	Tutorials	10
4	Case Based Learning (live case)	55
	Total	75

5. COURSE CONTENTS BHMS I (Theory)

1. Introductory Lectures

- a. Definition and introduction of basic Materia Medica.
- b. Sources, types, scope and limitation of Homoeopathic Materia Medica
- c. Theory of biochemic system of medicine, its comparison with Homoeopathy and study of **12 biochemic tissue salts** with their physico-chemical reaction.

2. Homoeopathic medicines:

1. Aconite	18. Calcarea Phos	35. Hypericum
2. Aethusa cynapium	19. Calendula	36. Ignatia
3. Allium cepa	20. Carbo Veg	37. lpecac
4. Aloe soc	21. Chamomilla	38. Ledum pal
5. Ammonium Carb	22. Cina	39. Lycopodium
6. Ammonium Mur	23. Cinchona	40. Natrum Carb
7. Antim Crude	24. Cocculus	41. Natrum Mur
8. Antim Tart	25. Coffea cruda	42. Nux vomica
9. Apis Mel	26. Colchicum	43. Podophyllum
10. Arnica montana	27. Colocynth	44. Pulsatilla
11. Ars Alb	28. Dioscoria villosa	45. Rhus tox
12.Arum triph	29. Croton tig	46. Ruta
13. Baryta Carb	30. Drossera	47. Silicea
14. Belladonna	31. Dulcamara	48. Spongia
15. Borax	32. Euphrasia	49. Sulphur

16. Bryonia alba	33. Gelsemium	50. Symphytum
17. Calc Carb	34. HeparSulph	

Biochemic tissue salts:

1. Calc Flour	5. Kali Mur	9. Nat Mur*
2. Calc Phos*	6. Kali Phos	10. Nat Phos
3. Calc Sulph	7. Kali Sulph	11. Nat Sulph
4. FerrPhos	8. Mag Phos	12.Silicea*

^{*}Also included in the list of Homoeopathic medicines, hence total no. of medicines shall remain 59 for BHMS I.

Contents for Term I:

- I. Introductory Lectures
 - a. Definition and introduction of basic Materia Medica.
 - b. Sources, types of Homoeopathic Materia Medica
- II. Homoeopathic medicines:

1. Arnica montana	8.Natrum Mur
2.Bryonia	9.Rhus tox

3.Baryta carb	10.Ruta
4.Calc Carb	11.Silicea
5.Calendula	12.Sulphur
6.Hypericum	13.Symphytum
7. Ledum pal	

Contents for Term II:

I. Homoeopathic medicines:

1. Aconite nap	11.Colchicum
2.Aloes soc	12. Colocynth
3. Apis mellifica	13.Dioscorea
4. Arsenic Alb	14. Dulcamara
5.Belladona	15. Gelsemium
6.Cina	16. Ignatia
7.Chamomila	17. Lycopodium
8.Carbo veg	18. Nux vomica
g.Cinchona	19. Podophyllum

10.Cocculus	20. Pulsatilla nig.

- II. Theory of biochemic system of medicine, its comparison with Homoeopathy
- III. Study of 5 biochemic tissue salts with their physico-chemical reaction:

1. Calc Flour	
2. Calc Phos	
3. Calc Sulph	
4. Natrum Phos	
5.Natrum Sulph	

Contents for Term III:

I. Homoeopathic medicines:

1. Aethusa cyn	9. Coffea cruda
2. Alliun cepa	10. Croton tig
3. Ammon Carb	11. Drosera
4. Ammon Mur	12. Euphrasia
5. Antim Crud	13.Hephar Sulph
6. Antim Tart	14.lpecacuanha
7. Arum triph	15.Natrum Carb

8. Borax	16.Spongia
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II. Study of 5 biochemic tissue salts with their physico-chemical reaction:

1. FerrPhos
2. Kali Mur
3. Kali Phos
4. Kali Sulph
5. Mag Phos

III. Scope and limitations of Homoeopathic Materia medica

6. TEACHING LEARNING METHODS

Lectures (Theory)	Non-lectures (Practical)
Lectures	Clinical demonstration
Small group discussion	Problem based discussion
Integrated lectures	Case Study
Assignments	
Library reference	

Different teaching-learning methods must be applied for understanding holistic and integrated Materia Medica. There has to be classroom lectures, small group discussions, case discussion where case-based learning (CBL) and problem based learning (PBL) are specially helpful. In the applied Materia Medica, case discussion (CBL-PBL) method is beneficial for students. Audio visual (AV) methods for classroom teaching may be an innovative aid in order to demonstrate the related graphics and animations etc. In case of clinical demonstration – DOAP (Demonstration – Observation – Assistance – Performance) is very well applicable.

7. CONTENT MAPPING (COMPETENCIES TABLE)

Topic 1- Definition and introduction of Materia Medica

Sr.	Generic	Subject	Mille	Specific	SLO/	Bloom	Guilbert	Must	T-L	Formati	Summat	Integratio
No.	Compete	Area	rs	Compete	Outcome	s	's Level	Know/	Metho	ve	ive	n
	ncy		Leve	ncy		Domai		Desira	ds	Assessm	Assessm	Departme
			l:			n		ble to		ent	ent	nts-
			Doe					know/				Horizonta
			s/					nice to				I/ Vertical/
			Sho					know				Spiral
			ws									
			how/									
			Kno									
			ws									
			how/									
			Kno									
			ws									
HomU	Informati	Definitio	Kno	Knowledg	Define the	Cognit	Remem	Must	Lectur	MCQ,	SAQ,	
G-	on	n and	ws	e of	basic MM	ive	ber/	Know	e	SAQ,	Viva	l la vi=a atal
НММ-	Gatherin	introduc		fundamen	and HMM		recall					Horizontal
l-1.1	g	tion of									voce	Integratio n with

Sr. No.	Generic Compete ncy	Subject Area	Mille rs Leve l: Doe s/ Sho ws how/ Kno ws how/ Kno ws	Specific Compete ncy	SLO/ Outcome	Bloom s Domai n	Guilbert 's Level	Must Know/ Desira ble to know/ nice to know	T-L Metho ds	Formati ve Assessm ent	Summat ive Assessm ent	Integratio n Departme nts- Horizonta I/ Vertical/ Spiral
HomU G- HMM- I-1.2 HomU G- HMM- I-1.3	Integrati on of informati on	materia medica		tals of HMM	Explain what sign and symptoms are with examples Contrast between MM and HMM		Underst			Viva Voce		Organon of Medicine

Sr. No.	Generic Compete ncy	Subject Area	Mille rs Leve l: Doe s/ Sho ws how/ Kno ws how/ Kno	Specific Compete ncy	SLO/ Outcome	Bloom s Domai n	Guilbert 's Level	Must Know/ Desira ble to know/ nice to know	T-L Metho ds	Formati ve Assessm ent	Summat ive Assessm ent	Integratio n Departme nts- Horizonta I/ Vertical/ Spiral
HomU G- HMM- I-1.4					Discuss the history of MM with emphasis on Hahneman nian directions							

Topic 2- Types of Materia Medica

Sr. No.	Generic Compete ncy	Subje ct Area	Mille rs Level : Does / Sho ws how/ Kno ws how/ Kno ws	Specific Compete ncy	SLO/ Outcom e	Bloom s Domai n	Guilbert 's Level	Must Know/ Desira ble to know/ nice to know	T-L Methods	Formati ve Assessm ent	Summat ive Assessm ent	Integratio n Departme nts- Horizonta I/ Vertical/ Spiral
HomU G- HMM- I-2.1 HomU G- HMM- I-2.2	Informati on Gatherin g Integrati on of	Types of Materi a Medic a	Knows	Identify various types of HMM	Describe various types of HMM Enumera te types of HMM	Cogniti ve	Remem ber/ recall Underst and	Must Know	Lecture, small group discussion , demonstr ation	MCQ, SAQ, Viva Voce	SAQ, Viva voce	Horizontal Integratio n with Organon of Medicine and Pharmacy

HomU	informati		Classify			
G-	on		Homoeo			
НММ-			pathic			
I-2.3			Materia			
			Medica			
			as per its			
			types.			
HomU		Know	Discuss	Desira		
G-		s how	the	ble to		
НММ-			characte	know		
I-2.4			ristics of			
			each			
			type of			
			HMM			
			based on			
			practical			
			utility.			

Topic 3- Sources of Homoeopathic Materia Medica

Sr. No.	Generic Compet ency	Subj ect Area	Millers Level: Does/Sh ows how/ Knows how/ Knows	Specific Compet ency	SLO/ Outcom e	Bloom s Domai n	Guilbert 's Level	Must Know/ Desira ble to know/ nice to know	T-L Methods	Formati ve Assessm ent	Summat ive Assessm ent	Integratio n Departme nts- Horizonta I/ Vertical/ Spiral
Hom UG- HMM- I-3.1 Hom UG- HMM- I-3.2	Informati on Gatherin g Integrati on of informati on	Sour ces of HMM	Knows	Identify various sources of HMM	Describe the sources of HMM Underst and the concept of source books of HMM	Cognit	Remem ber/ recall Underst and	Must	Lecture, Small Group discussion, Demonstr ation	MCQ, SAQ, Viva Voce	SAQ, LAQ, Viva voce	Horizontal Integratio n with Organon of Medicine, Homoeop athic pharmacy Vertical and spiral integratio n with
Hom UG-					List the source							FMT

HMM-	books of
I-3.3	HMM HMM
Hom	Discuss
UG-	the
HMM-	plans
I-3.4	and
	construc
	tion of
	source
	books of
	HMM HMM

Sr. No.	Generic Compet ency	Subj ect Area	Millers Level: Does/Sh ows how/ Knows how/ Knows	Specific Compet ency	SLO/ Outcom e	Bloom s Doma in	Guilbert 's Level	Must Know/ Desira ble to know/ nice to know	T-L Methods	Formati ve Assessm ent	Summat ive Assessm ent	Integratio n Departme nts- Horizonta I/ Vertical/ Spiral
Hom UG- HMM- I-3.5 Hom UG- HMM- I-3.6	Informati on Gatherin g Integrati on of informati on	Sour ces of HMM	Knows	Identify various sources of HMM	Enumera te different types of proving as sources of HMM Describe various proving sources of HMM	Cognit	Remem ber/ recall Underst and	Must	Lecture, Small Group discussion, Demonstr ation	MCQ, SAQ, Viva Voce	SAQ, LAQ, Viva voce	Horizontal Integratio n with Organon of Medicine, Homoeop athic pharmacy Vertical and spiral integratio n with FMT

Hom UG- HMM- I-3.7		Understa nd the basic concept of various types proving as source of HMM				
Hom UG- HMM- I-3.8	Insight into structure of various HMM	Different iate the construc tion of different source books of HMM	Desira ble to know	,	SAQ, Viva voce	

Sr. No.	Generic Compet ency	Subj ect Area	Millers Level: Does/Sh ows how/ Knows how/ Knows	Specific Compet ency	SLO/ Outcome	Bloo ms Doma in	Guilber t's Level	Must Know/ Desira ble to know/ nice to know	T-L Methods	Formati ve Assess ment	Summa tive Assess ment	Integratio n Departme nts- Horizonta I/ Vertical/ Spiral
Hom UG- HMM- I-3.9	Informati on Gatherin g Integrati on of informati on	Sour ces of HMM	Knows	Identify various sources of HMM	Understan d the constructi on of various HMM as a compilati on based on the source books.	Cognit	Remem ber/ recall Underst and	Nice to know	Lecture, Small Group discussion , Demonstr ation	Viva voce	Viva voce	Horizontal Integratio n with Organon of Medicine, Homoeop athic pharmacy
Hom UG- HMM- I-3.10					Draw the time line of Homoeop athic							

Materia Medica based on their		
history, evolution and philosoph y		

Topic 4- Homoeopathic Medicines

Sr. No.	Generic Compete ncy	Subject Area	Millers Level: Does/S hows how/ Knows how/ Knows	Specific Compet ency	SLO/ Outcome	Blooms Domain	Guilber t's Level	Must Know/ Desira ble to know/ nice to know	T-L Methods	Format ive Assess ment	Summa tive Assess ment	Integrati on Departm ents- Horizont al/ Vertical/ Spiral
Hom UG- HMM- I-4.1	Informati on Gatherin g Integratio n of informati on Problem formulati on	Homoeo pathic medicin es included in: Term I, II and III	Knows, Knows how, Shows how	1.Evolve the sympto m- tology of a particula r drug 2. Observe the sympto ms of a particula	Describe the drug picture of homoeopa thic medicines with following details- pharmacol ogical data, constitutio n, temperam ent, sphere of action,	Cognitiv e, Psycho motor	Remem ber/ recall Unders tand Interpret	Must Know	Lecture, Small Group discussio n, Demonstr ation (clinical classes in OPD), Problem based learning	MCQ, SAQ, LAQ, Practica I, Viva Voce	SAQ, LAQ, Practica I, Viva voce	Horizonta I Integratio n with pharmac y, psycholo gy, anatomy, physiolog y and organon of medicine.

			r	doctrine of				Longitudi
	Practical		medicin	signature,				nal and
	Fractical		e in a	pathogene				spiral
	Skills		clinical	sis, both				with all
			set-up	mental				allied
				and				subjects
				physical				in BHMS
				generals,				
				particular				
				symptoms,				
				characteris				
				tic/				
				individuali				
				zing				
				symptoms,				
				general				
				and				
				particular				
				modalities,				
				relationshi				
				р				
				•				
- 1	II		i e					

Sr. No.	Generic Compet ency	Subject Area	Millers Level: Does/S hows how/ Knows how/ Knows	Specific Compet ency	SLO/ Outcome	Blooms Domain	Guilber t's Level	Must Know / Desir able to know/ nice to know	T-L Methods	Format ive Assess ment	Summa tive Assess ment	Integrati on Departm ents- Horizont al/ Vertical/ Spiral
Hom UG- HMM -I-4.2	Information Gathering Integration of information Problem	Homoeo pathic medicine s included in: Term I, II and III	Knows, Knows how, Shows how	1.Evolve the sympto m- tology of a particul ar drug 2. Observe the sympto ms of a	.Formulate the drug picture/ symptoma tology of a particular drug using the knowledge of pharmacy, psycholog y, anatomy, physiology and	Cognitiv e, Psycho motor	Reme mber/ recall Unders tand Interpret	Must Know	Lecture, Small Group discussio n, Demonst ration (clinical classes in OPD),	MCQ, SAQ, LAQ, Practica I, Viva Voce	SAQ, LAQ, Practica I, Viva voce	Horizont al Integrati on with pharmac y, psycholo gy, anatomy, physiolo gy and organon of

	formula tion	particul	organon of medicine.		Problem based		medicine
Hom	Practical Skills	ar medicin e in a clinical set-up	medicine.		based learning		Longitudi nal and spiral with all allied subjects in BHMS
UG-			d the				
НММ			symptoma				
-I-4.3			tology of a				
			particular				
			medicine				
			in regard				
			to a				
			particular				
			system/org				
			an of the				
			body.				

Sr. No.	Generic Compet ency	Subject Area	Millers Level: Does/S hows how/ Knows how/ Knows	Specific Compet ency	SLO/ Outcome	Blooms Domain	Guilber t's Level	Must Know / Desir able to know/ nice to know	T-L Methods	Format ive Assess ment	Summa tive Assess ment	Integrati on Departm ents- Horizont al/ Vertical/ Spiral
Hom UG- HMM -I-4.4	Informa tion Gatheri ng Integrati on of informa tion	Homoeo pathic medicine s included in: Term I, II and III	Knows, Knows how, Shows how	Evolve the sympto m- tology of a particul ar drug	Identify the symptom similarity of a patient with a particular medicine in a clinical set up	Cognitiv e, Psycho motor	Reme mber/ recall Unders tand Interpret	Must Know	Lecture, Small Group discussio n, Demonst ration (clinical classes in OPD),	MCQ, SAQ, LAQ, Practica I, Viva Voce	SAQ, LAQ, Practica I, Viva voce	Horizont al Integrati on with pharmac y, psycholo gy, anatomy, physiolo
Hom UG- HMM -I-4.5	Problem formula tion				State the relationshi p of a medicine				Problem based learning			gy and organon of

Hom UG- HMM -I-4.6	Practical Skills	Knows	Observe the sympto ms of a particul ar medicin e in a clinical	with other medicines Understan d the relationshi p status of a medicine and its backgroun d	Cognitiv e	Reme mber/ recall Unders tand	Desira ble to know	Lecture, Small Group discussio n,	MCQ, Viva Voce	Viva voce	medicine . Longitudi nal and spiral with all allied subjects in BHMS
Hom UG- HMM -I-4.7		Knows how	set-up	Observe the variations in symptoma tology of a particular medicine in most commonly used HMM	Cognitiv e	Reme mber/ recall Unders tand	Nice to know	Lecture, Small Group discussio n, Demonst ration	Viva Voce	Viva voce	

authors	of eminent		
autiois	authors		

Topic 5- Theory of Bio chemic tissue salts, its comparison with homoeopathy and study of 12 tissue remedies with their physicochemical reaction:

Sr.No.	Generic Compete ncy	Subj ect Area	Millers Level: Does/Sh ows how/ Knows how/ Knows	Specific Compete ncy	SLO/ Outcome	Bloom s Domai n	Guilbert 's Level	Must Know/ Desira ble to know/ nice to know	T-L Metho ds	Formati ve Assessm ent	Summat ive Assessm ent	Integratio n Departme nts- Horizonta I/ Vertical/ Spiral
Hom UG- HMM- I-5.1 Hom UG- HMM- I-5.2	Informati on Gatherin g, synthesis and applicati on of	Theo ry of Bio chem ic tissue salts	Knows	Describe the Theory of Bio chemic tissue salts	Describe the Theory of Bio chemic tissue salts compare and contrast Homoeop athic system of	Cognit ive	Remem ber/recall Understand	Must Know	Lectur e, Small Group discuss ion	MCQ. Viva, Quiz Assignm ent	SAQ, MCQ	Horizonta I Pharmacy, Biochemis try and Physiology Spiral

Sr.No.	Generic Compete ncy	Subj ect Area	Millers Level: Does/Sh ows how/ Knows how/ Knows	Specific Compete ncy	SLO/ Outcome	Bloom s Domai n	Guilbert 's Level	Must Know/ Desira ble to know/ nice to know	T-L Metho ds	Formati ve Assessm ent	Summat ive Assessm ent	Integratio n Departme nts- Horizonta I/ Vertical/ Spiral
Hom UG- HMM- I-5.3	knowled ge in class room				medicine with Bio chemic tissue salts co-relate the importanc e of							Can compare the drug pathogene sis with Homoeop athic medicines Vertical
. 5.3					knowledg e of Biochemis try in better understan ding of Bio							Can explore the utility of Biochemic salts in treating

Sr.No.	Generic Compete ncy	Subj ect Area	Millers Level: Does/Sh ows how/ Knows how/ Knows	Specific Compete ncy	SLO/ Outcome	Bloom s Domai n	Guilbert 's Level	Must Know/ Desira ble to know/ nice to know	T-L Metho ds	Formati ve Assessm ent	Summat ive Assessm ent	Integratio n Departme nts- Horizonta I/ Vertical/ Spiral
Hom UG- HMM- I-5.4					chemic tissue salts List the 12 Bio chemic tissue salts							deficiencie s in Medicine, OBG etc

Sr. No.	Generic Compet ency	Subjec t Area	Millers Level: Does/Sh ows how/ Knows how/ Knows	Specific Compet ency	SLO/ Outcome	Blooms Domain	Guilber t's Level	Must Know / Desira ble to know/ nice to know	T-L Methods	Formati ve Assess ment	Summa tive Assess ment	Integrati on Departm ents- Horizont al/ Vertical/ Spiral
Hom UG- HMM -I-5.5	Information Gatherin g Integration of information Problem formulation	Bioche mic medici nes includ ed in:	Knows, Knows how, Shows how	1.Describe individual Biochemic tissue salts 2.Evolve the symptom-tology of a	In addition to the competen cies for homoeopa thic medicines, Describe individual Bio chemic tissue salts	Cognitiv e, Psychom otor	Remem ber/ recall Underst and Interpre t	Must Know	Lecture, Small Group discussion , Demonstr ation (clinical classes in OPD), Problem based learning	MCQ, SAQ, LAQ, Practica I, Viva Voce	SAQ, LAQ, Practica I, Viva voce	Horizonta I Integratio n with pharmacy , psycholo gy, anatomy, physiolog y and organon of medicine.

Hom UG- HMM -I-5.6	Practical Skills	garticula r drug 3.Observ e the sympto ms of a particula r medicin e in a clinical set-up	Explain the pathogen esis and symptom ology of each Bio chemic tissue salts as per Dr, Wilhelm H. Schuessle r.				Longitudi nal and spiral with all allied subjects in BHMS
Hom UG- HMM -I-5.7			Justify the portrait of each tissue salt in correlatio n with the knowledg e of				

		Biochemi				
		stry.				

Topic 6- Scope and limitation of homoeopathic Materia Medica:

Sr.	Generic	Subject	Millers	Specific	SLO/	Bloom	Guilbert	Must	T-L	Formati	Summat	Integratio
No.	Compete	Area	Level:	Competen	Outco	s	's Level	Know/	Metho	ve	ive	n
	ncy		Does/Sh ows how/ Knows how/ Knows	су	me	Domai n		Desira ble to know/ nice to know	ds	Assessm ent	Assessm ent	Departme nts- Horizonta I/ Vertical/ Spiral
Hom	Informati	Scope	Knows	Must be	List the	Cognit	Remem	Must	Lectur	LAQ	LAQ	
UG- HMM- I-6.1	on Gatherin g	and Limitati ons of HMM		able to comprehe nd the scope and limitations	scope and limitati ons of HMM	ive	ber/ recall	Know	e. Small group	SAQ Viva,	SAQ Viva,	Horizontal Integratio n with pharmacy, psycholog

Hom UG- HMM- I-6.2	Integrati on of informati on	Knows how	of Homoeop athic Materia Medica	Discuss the scope and limitati ons of HMM	Underst and	Must Know	discuss ion Case Based learnin g		y, anatomy, physiolog y and organon of medicine.
Hom UG- HMM- I-6.3		Knows		Discuss the solutio ns to overco me the limitati ons of HMM	Underst and	Nice to know	Proble m Based Learni ng		Longitudi nal and spiral with all allied subjects in BHMS

8. ASSESSMENT

Assessment Summary

8A- Number of papers and Mark Distribution

Sr. No.	Course Code	Papers	Theory	Practical (Assignment)	Viva Voce	Internal Assessment- Practical	Grand Total
1	HomUG-HMM-I	1	100	50	40	10	200

8B - Scheme of Assessment (formative and Summative)

	Sr. No	Professional Course	1 st term (1-6 Months)	2 nd Term (7-12 Months)	3 rd Term (13-18	Months)
Ī	1	First Professional BHMS	First PA + 1 ST TT	2 nd PA+2 ND TT	3 rd PA	UE

PA: Periodical Assessment; TT: Term Test; UE: University Examinations

8 C - Evaluation Methods for Periodical Assessment

Sr. No	Evaluation Criteria
1	Practical/Clinical Performance
2	Viva Voce, MCQs, SAQs, LAQs

8D - Paper Layout

Summative assessment:

Theory- 100 marks

MCQ	10 marks
SAQ	50 marks
LAQ	40 marks

8 E– I - Distribution of Theory exam

Sr. No	Paper			Type of Ques		
				"Yes" can be "No" should i		
	Α	В	С	MCQ	SAQ	LAQ
	List of Topics	Term	Marks	(1 Mark)	(5	(10 Marks)
					Marks)	
1	Definition and introduction of basic materia medica	1		Yes	Yes	No

2	Sources, types, scope and limitation of	I	Refer	Yes	Yes	Yes
	Homoeopathic Materia Medica		Next			
3	Theory of Biochemic system of medicine, its comparision with Homoeopathy and study of 12 Biochemic tissue salts with their physicochemical reaction	II	Table	Yes	Yes	Yes
4	Drug Picture- 50 Homoeopathic Medicines	II & III		Yes	Yes	Yes

8E-II - Theme table

Theme*	Topics	Term	Marks	MCQ's	SAQ's	LAQ's
А	Definition and introduction of basic materia medica	I	10	Yes	Yes	No
В	Sources, types, scope and limitation of Homoeopathic Materia Medica	I	20	Yes	Yes	Yes
С	Theory of Biochemic system of medicine, its comparision with Homoeopathy and study of 12 Biochemic tissue salts with their physico-chemical reaction	&	20	Yes	Yes	Yes
D	Drug Picture- 50 Homoeopathic Medicines	1,11& 111	50	Yes	Yes	Yes

8F- Question paper Blue print

Α	В	Question Paper Format		
Question Serial Number	Type of Question	(Refer table 4 F II Theme table for themes)		
Q1	Multiple choice Questions	1. Theme A		
	(MCQ)	2. Theme A		
		3. Theme B		
	10 Questions	4. Theme B		
	1 mark each	5. Theme C		
	All compulsory	6. Theme C		
		7. Theme D		
	Must know part: 7 MCQ	8. Theme D		
	Desirable to know: 2 MCQ.	g. Theme D		
	Nice to know: 1 MCQ	10. Theme D		
Q ₂	Short answer Questions	1. Theme A		
	(SAQ)	2. Theme A		
		3. Theme B		
	ten Questions	4. Theme B		
	5 Marks Each	5. Theme C		
	All compulsory	6. Theme C		
	· · · ·	7. Theme D		
	Must know part: 7 SAQ	8. Theme D		
	Desirable to know: 2 SAQ	g. Theme D		
	Nice to know: 1 SAQ	10. Theme D		
Q ₃	Long answer Questions	1. Theme B		

(LAQ)	2. Theme C
Four Questions	3. Theme D
10 marks each	4. Theme D
All compulsory	
All questions on must know	
No Questions on Nice to know and Desirable to know	

8G - Distribution of Practical Exam

Practical & Viva-100 marks

Viva voce	40 marks
Practical (Assignment)*	50 marks
Internal assessment	10 marks (viva/ clinical assessment)

^{*}Assignment shall comprise of compilation of complete drug-portrait of 6 polychrest remedies and 4 biochemic salts

9. LIST OF RECOMMENDED TEXT/ REFERENCE BOOKS:

- Allen HC, 2005, Keynotes Rearranged and Classified with Leading Remedies of the Materia Medica and Bowel Nosodes, Reprint edition, B.Jain Publishers, New Delhi
- Choudhuri NM, 2006, A Study On Materia Medica Enriched with real case studies, Reprint revised edn, B.Jain Publishers, New Delhi
- Kent JT, 2015, Lectures On Homoeopathic Materia Medica, Reprint edn, B.Jain Publishers, New Delhi
- Burt W, 2009, Physiological Materia Medica, Third edn, B.Jain Publishers, New Delhi
- Boericke W, Dewey W, 2016, The Twelve Tissue Remedies By Schussler, Reprint edn, B.Jain Publishers, New Delhi
- All source books

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