

**COURSE CURRICULUM FOR FIRST PROFESSIONAL
BSRMS
(PRESCRIBED BY NCISM)**

Subject/Course:

zhibyeds mangyisbyarthabs

(Subject Code: SRUG-MB)

Sowa-Rigpa Pharmacology and Pharmaceutics

**(Applicable from 2022-23 batch onwards for 5 years or until
further notification by NCISM, whichever is earlier)**



**BOARD OF UNANI, SIDDHA AND SOWA-RIGPA
NATIONAL COMMISSION FOR INDIAN SYSTEM OF
MEDICINE**

NEW DELHI-110058



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Preface

Welcome to the captivating world of *zhibyeds mangyis byarthabs*/ Sowa-Rigpa Pharmacology and Pharmaceutics. Rooted in ancient wisdom and enriched by centuries of empirical knowledge, Sowa-Rigpa, also known as the Traditional Tibetan Medicine (TTM) offers a holistic approach to health and healing that encompasses the intricate interplay between mind, body, and environment. This syllabus is framed with the aim of guiding you through the rich knowledge of Sowa-Rigpa Pharmacology and Pharmaceutics, offering insights into the unique principles, practices, and numerous formulations that constitute this venerable course.

In this course, you will embark on a journey to explore the foundational principles of Sowa-Rigpa Pharmacology which are deeply rooted in the principles of balance, harmony, and the interdependence of the five elements. You will delve into the classification of medicinal substances, different mode of medicines, their therapeutic properties, and the intricate dynamics of their interactions within the body according to the principles of Classical Tibetan Medical text ‘*rgyudbzhi*’ are characterized into ten chapters beginning with Medicinal Liquid, Medicinal Powder, Medicinal Pill, Medicinal Paste, Medicinal Butter, *khaN+Da*, Medicinal *Chang*, Medicinal Ash, Precious Medicine and Herbal compound. The entire chapters are hourly distributed on the basis of significant in three different terms of six months each with at total of 300 hours, including the theory (lecture and non-lecture hours) and practical. Structure of practical learning is valuably mentioned. Theory and practical question paper blue print are all reliably settled.

Furthermore, this syllabus will illuminate the art and science of Sowa-Rigpa Pharmaceutics, which encompasses the preparation, formulation, and utilization of medicinal substances to optimize their therapeutic efficacy while minimizing adverse effects. From the preparation of herbal decoctions and pills to the alchemical processes involved in mineral and metallic ash preparations, you will gain a profound understanding of the diverse modalities of drug management in Sowa-Rigpa system of medicine.

Therefore, the students are suggested to approach each chapter with an open mind, reverence for tradition, a spirit of inquiry with curiosity, critical thinking, and a commitment to excellence. This syllabus offers a unique opportunity to deepen your understanding of Sowa- Rigpa Pharmacology and Pharmaceutics practices and its timeless relevance in promoting health and well-being.

May this journey inspire you to integrate the wisdom of Sowa-Rigpa into your personal and professional life, fostering healing, compassion, and harmony in yourself and the world around you.

**NATIONAL COMMISSION FOR INDIAN SYSTEM OF MEDICINE
BOARD OF UNANI, SIDHA & SOWA-RIGPA**

SOWA-RIGPA COURSE CURRICULUM & SYLLABUS

**Session: Second Professional B.S.R.M.S
Subject/Course: zhibyedsman gyi sbyar thabs/
Sowa-Rigpa Pharmacology and Pharmaceutics
Subject Code: SRUG-MB**

Summary

Teaching Hours Distribution

Papers	Lecture hours	Non-Lecture hours	Total hours
Paper -1	100	60	160
Paper-2 NA			
Practical	NA	140	140
Grand total			300

Examination (Papers & Mark Distribution)

Item	Theory Component Marks	Practical Component Marks			
		Practical	Viva	Elective	Internal Assessment
Paper I	100	100	30	-	20
Paper II	NA				
Sub-Total	100	150			
Total marks	250				

SOWA-RIGPA COURSE CURRICULUM & SYLLABUS

Session: Second Professional B.S.R.M.S.

Table 1:-Course Code and Name of Course

Sl. No	Name of the subjects		
	Subject Code	Subjects	Equivalent Terms
1	SRUG-MB	<i>zhibyeds mangyis byarthabs</i>	Sowa-Rigpa Pharmacology and Pharmaceutics

Table 2:- Teaching Hours Distribution

Paper 1:

Papers	Lecture hours	Non-Lecture hours	Total hours
Paper 1	100	60	160
Practical	NA	140	140
Grand total			300

THEORY

(CONTENTS, TERM & DISTRIBUTION OF HOURS)

Chapter's Name	Term (I/II/III)	Distribution of Hours
ཐང་གི་ལྗང་ཆོན་བསྟན་པ། Chapter 1: Medicinal liquid	I	15
བྱེ་མའི་ལྗང་ཆོན་བསྟན་པ། Chapter 2: Medicinal Powder	I	35
རིལ་བུའི་ལྗང་ཆོན། Chapter 3: Medicinal Pill	II	12
ལྗང་གྲུའི་ལྗང་ཆོན་བསྟན་པ། Chapter 4: Medicinal Paste	II	12
སྒྲུབ་མར་གྱི་ལྗང་ཆོན་བསྟན་པ། Chapter 5: Medicinal Butter	II	12
ལུང་འི་ལྗང་ཆོན་བསྟན་པ། Chapter 6: <i>khaN+Da</i>	II	12
སྒྲུབ་ཆང་གི་ལྗང་ཆོན་བསྟན་པ། Chapter 7: Medicinal <i>Chang</i>	II	12
ཐལ་སྒྲུབ་གྱི་ལྗང་ཆོན་བསྟན་པ། Chapter 8: Medicinal Ash	III	15
རིན་པོ་ཆེ་སྒྲུབ་བའི་ལྗང་ཆོན་བསྟན་པ། Chapter 9: Precious Medicine	III	25
སྒོ་སྒྲུབ་གྱི་ལྗང་ཆོན་བསྟན་པ། རྒྱལ་ཅེས་བའི་ཡན་ལག་བདུན་ལྡན་སྒོ་བ་ཤིང་ཁོངས་སུ་མེད། Chapter 10: Herbal Compound	III	10
TOTAL HOURS		160

Table 3:-THEORY (LECTURE& NON-LECTURE)

Chapter/ Sub-headings	Lecture (L)/ Non-Lecture (NL)	Teaching-Learning (TL) Methods	Distribution of hours			
			LH (100)	NLH (60)		
<p>ཐང་གི་ལྗེ་ཚན་བསྟན་པ། Chapter 1: Medicinal Liquid(15 Hrs)</p> <ul style="list-style-type: none"> ● K- Explain the various ingredients exist in each form of medicinal liquid. Define the uses of medicinal liquids for the respective diseases. ● S- Differentiate the formula of raw ingredients of medicinal liquid. Perform a legitimate practice to prepare various medicinal liquid. ● A- Recognise the use of medicinal liquid to cure pyrexia as it works rapidly in treating. 						
<p>1. ཚ་སེལ་གྱི་སྦྱོར་བ། Medicinal compound Treating Pyrexia</p>	L/NL	Lecture/ PPT/Charts/ Team based learning/ Group discussion/ Tutorial/ AV aids	4	3		
<p>1.1 གནས་གྱི་ཚ་སེལ་། 1.2 རིགས་གྱི་ཚ་སེལ་། 1.3 ལ་འཐོར་གྱི་ཚ་སེལ་། 1.4 ཚ་སེལ་ཚེག་ཐང་།</p>						
<p>2. གང་སེལ་གྱི་སྦྱོར་བ། Medicinal compound treating cold disorder</p>			L/NL	Lecture/ PPT/ AV aids/Inquiry based learning/Library session	3	2
<p>2.1 གང་སེལ་ལ་འཐོར་གྱི་སྦྱོར་བ། 2.2 གང་སེལ་ཚེག་ཐང་གི་སྦྱོར་བ།</p>						
<p>3. ཐང་གི་སྦྱོར་བ་ཐབས་ལག་ལེན། Preparation of medicinal liquid</p>				Lecture/PPT/ Brain storming/work shop/Field visit	1	2
<p>བྱེ་མའི་ལྗེ་ཚན་བསྟན་པ། Chapter 2: Medicinal Powder(35 Hrs)</p> <ul style="list-style-type: none"> ● K-Identify the ingredients and describe the usage of medicinal powder to its specific disease. ● S- Classify the ingredients and proper practice for the preparation of a medicinal powder. ● A- Realise the importance of medicinal powder in treating general disease and medium in treating. 						
<p>1. ཚ་སེལ་གྱི་སྦྱོར་བ། Medicinal compound treating pyrexia</p>	L/NL	Lecture/ PPT/Charts/ Class discussion/ Problem based learning/ Edutainment	12	5		
<p>1.1 རྒྱལ་བོ་ག་བྱེ་གྱི་སྦྱོར་བ། 1.2 རྒྱལ་བོ་གུ་ལུ་གྱི་སྦྱོར་བ། 1.3 རྒྱལ་བོ་ལོ་བྱེ་གྱི་སྦྱོར་བ། 1.4 རྒྱལ་བོ་ལོ་བྱེ་གྱི་སྦྱོར་བ།</p>						
<p>2. གང་སེལ་གྱི་སྦྱོར་བ།</p>			L/NL	Lecture/ PPT/Charts/	10	5

Medicinal compound treating coldDisorder 2.1 ལྷལ་པོ་སེ་འབྲུའི་སྦྱར་བ་༣༠ 2.2 ལྷོན་པོ་དྲ་ལེས་སྦྱར་བ་༡༤ 2.3 རྩུ་གཞོན་གྱི་ལོ་མ་ཁའི་སྦྱར་བ་༧ 2.4 ལྷ་ཚོགས་ཁ་འཐོར་དམངས་ཀྱི་སྦྱར་བ་༡༤		Group discussion/ Team project work/ Edutainment/Peer learning/Flipped class room/ Inquiry based learning		
3. ལྷ་ཁའི་སྦྱར་བ་ལག་ལེན། Preparation of medicinal powder	L/NL	Lecture/ Group practical work	2	1
འཛིན་སྦྱོར་གྱི་ཚན་བསྟན་བཤ། Chapter 3: Medicinal Pill(12Hrs) <ul style="list-style-type: none"> ● K- Find the materia medica of the medicinal pill composition and explain the purification of individual herbs. ● S- Prepare a proper manufacturing process of the pill. ● Recognised the benefit of medicinal pill in treating chronic disease and extra shelf life comparing medicinal liquid and medicinal powder 				
1. ཚ་སེལ་གྱི་སྦྱར་བ་གཞན་དུ་ཁ་འཕངས་ནས་བསྟན་བཤ། Medicinal compound treating Pyrexia revealed in the previous chapter	NL	Lecture/PPT/ Inquiry based learning/ Discussion	1	1
2. ལྷལ་སེལ་གྱི་སྦྱར་བ་༡༤ Compound treating cold disorder 2.1 ལྷལ་ལྷ་ཁ་བསྐྱར་དང་བཅས་པའི་སྦྱར་བ་༡༤ 2.2 ཁ་འཐོར་གྱི་སྦྱར་བ་༡༤	L/NL	Lecture/PPT/Charts/ Peer to Peer Instruction/ Tutorial/ Problem solving method/ AV aids	4	3
3. འཛིན་སྦྱོར་གྱི་སྦྱར་བ་ལག་ལེན། Preparation of medicinal pill	L/NL	Lecture/Edutainment/ Group Discussion/ Team project work	1	2
ལྷ་སྦྱོར་གྱི་ཚན་བསྟན་བཤ(12 Hrs) Chapter 4: Medicinal Paste <ul style="list-style-type: none"> ● K- Introduce the manufacturing of assorted medicinal paste and its ingredients to be use precise. ● S- Demonstrate the appropriate process of medicinal paste preparation. ● Realise the medicinal paste usage for chronic nervous system medicine. 				
1. ཚ་སེལ་གྱི་སྦྱར་བ་༡༤ Compound treating pyrexia	L/NL	Lecture/PPT/Charts/ Self-directed learning/Brainstorming/ Tutorial/ Problem solving method	4	2
2. ལྷལ་སེལ་གྱི་སྦྱར་བ་༡༤ Compound treating cold Disorder	L/NL	Lecture/PPT/Group discussion/ Blended learning	3	1

2. ཇེ་གུའི་སྐྱར་ཐབས་ཀྱི་ལག་ལེན། Preparation of medicinal paste	L/NL	Lecture/PPT/Charts/ Problem solving method/ Team project work/	1	1
སྐབ་མར་གྱི་ཇེ་ཚན་བསྟན་བཤམ།(12Hrs) Chapter 5: Medicinal Butter <ul style="list-style-type: none"> ● K- Explain the different ways of preparing medicinal butter. ● S- Classify the different mode of medicinal butter and its practice. ● A- Appreciate the advantage of medicinal butter to rejuvenate the body. 				
1. ཚ་སེལ་གྱི་སྐྱར་བཤམ། Compound treating pyrexia 1.1 ཏིག་ཏའི་སྐྱར་བཤམ། 1.2 ལ་འཐོར་གྱི་སྐྱར་བཤམ།	L/NL	Lecture/PPT/ Workshops/Team based learning/Tutorial/ Group discussion	4	2
2. གང་སེལ་གྱི་སྐྱར་བཤམ། Compound treating cold disorder	L/NL	Lecture/PPT/Charts/ Tutorial/ Class discussion/	3	1
3. སྐབ་མར་གྱི་སྐྱར་ཐབས་ལག་ལེན། Preparation of medicinal butter	L/NL	Lecture/PPT/Kinaesthetic/Edutainment	1	1
ལྡན་འི་ཇེ་ཚན་བསྟན་བཤམ། Chapter 6: <i>khaN+Da</i>(12Hrs) <ul style="list-style-type: none"> ● K- Define the compounding of various <i>khaN+Da</i> processes and identify the process. ● S- Implement the different forms of <i>khaN+Da</i> recognition of ingredients in the composition of <i>khaN+Da</i>. ● Appreciate the significant features of <i>khaN+Da</i> process and specific uses for the disease. 				
1. རྒྱུགས་སྐབ་ཀྱི་སྐྱར་བཤམ། Supporting components of <i>khaN+Da</i> 1.1 འབའ་བསམ་ལྡན། 1.2 ལྡོ་ཡི་ལྡན། 1.3 མ་ཚེའི་ལྡན། 1.4 མ་སྐྱན་ལྡན། 1.5 བཤམ་སྐྱན་དུར་བྱིད་ཀྱི་ལྡན། 1.6 བཤམ་སྐྱན་བདུད་ཚི་ཟར་བྱིད་ ལྡན། 1.7 མཁྱིམ་པའི་ལྡན།	L/NL	Lecture/PPT/ Tutorial/ Flipped classroom/ Discussion	3	1
2. ལ་འཐོར་གྱི་ལྡན་འི་སྐྱར་བཤམ། Unclassified components of <i>khaN+Da</i> 2.1 བཤམ་ལྡན། 2.2 བ་ཚུའི་ལྡན། 2.3 ལྡན་བྱིད་ལྡན། 2.4 ལྡན་པའི་ལྡན། 2.5 ར་མཉེའི་ལྡན། 2.6 རེང་ལྡན་ལྡན།	L/NL	Lecture/PPT/ Self-directed learning/ Recitation	3	1

2.7 ལྷམ་བྱ་རངས་ཚེའི་ལྟུང་། 2.8 རྩུར་པའི་ལྟུང་། 2.9 འབམ་པོའི་ལྟུང་།				
3. སྲིན་སྐྱེན་མང་སྦྱར་ལྟུང་། <i>srinsman mang sbyor</i> <i>khaN+Da</i>	NL	Lecture/ PPT/ Library Session/ Discussion	1	1
4. ལྟུང་འབྲུག་ལུགས་ལེན། Methods for Preparing <i>khaN+Da</i>	L/NL	Lecture/PPT/ Team project work/ Field trip/ Class discussion	1	1
སྐྱེན་ཆང་གི་སྲིན་ཚན་བསྐྱེད་བཤུགས། Chapter 7: Medicinal <i>Chang</i> (12Hrs) <ul style="list-style-type: none"> ● K- Interpret the methods of compounding medicinal <i>chang</i> and adequate dosage for a particular disease. ● S- Perform the medicinal <i>chang</i> process in appropriate way. ● A-Recognize the use of medicinal <i>chang</i> as per value. 				
1. རྩུང་སྲིན་གྱི་སྦྱར་བཤུགས། Compound treating cold disorder 1.1 རྩུང་ཆང་སོགས་བཞི། 1.2 རྩུང་ཆང་སོགས་ལྟུང་།	L/NL	Lecture/PPT/Kinaesthetic learning/ Self-directed learning/ Real life experience/ Practical	4	2
2. ཆ་སྲིན་གྱི་སྦྱར་བཤུགས། Compounds treating pyrexia	L/NL	Lecture/PPT/Charts/ Discussion/Tutorial/Pear learning/ Problem solving method	2	2
3. ཟན་ཆང་གི་ལག་ལེན། Preparation of <i>zanchang</i>	L	Lecture with PPT	2	X
ཐལ་སྐྱེན་གྱི་སྲིན་ཚན་བསྐྱེད་བཤུགས། Chapter 8: Medicinal Ash (15Hrs) <ul style="list-style-type: none"> ● K- Explain the importance of general preparation of ash medicines. ● S- Perform the manufacturing method of medicinal ash. ● A- Recognised the use of ash medicine a different from others. 				
1. རྩུང་འབྲུག་བར་མའི་སྦྱར་བཤུགས། General compound for preparing medicinal ash 1.1 ལག་ལེན་དང་ཕན་ཡོན།	L/NL	Lecture/PPT/ Brainstorming/ Group discussion/	2	1
2. ཆང་ཞི་འབྲུག་ཐལ་གྱི་སྦྱར་བཤུགས། Compounds for three stages of <i>Chongshitultha</i> preparation 2.1 འབྲུག་ཐལ་རྩུང་བྱེད་སྦྱར་བཤུགས། 2.2 འབྲུག་ཐལ་འབྲིང་པོའི་སྦྱར་བཤུགས། 2.3 འབྲུག་ཐལ་ཆེན་པོའི་སྦྱར་བཤུགས།	L/NL	Lecture/PPT/ Demonstration/ Tutorial/ Self-directed learning	3	1
3. རྩུང་ཆོག་ལས་འབྲུག་གི་སྦྱར་བཤུགས། Unclassified compound 3.1 རྩུང་བསྐྱེད་གི་སྦྱར་བཤུགས།	L/NL	Lecture/PPT/Charts/ Group discussion/ Inquiry based learning	1	1

3.2 ག་ལྷུང་ནག་པོའི་སྐྱུར་བ། 3.3 བྱི་པ་ལྷུང་བ།				
4. རིན་ཆེན་ཐལ་བཟོའི་ལག་ལེན། Manufacturing process of precious medicinal ash 4.1 རིན་པོ་ཆེའི་ཐལ་བ། 4.2 མཚལ་ཐལ། 4.3 རུས་ཐལ། 4.4 ལྷན་རྒྱུ་རྒྱ་ཚོགས་ཀྱི་ཐལ་བ། 4.5 ཚང་ཞི་རྒྱུ་བཟུལ།	L/NL	Lecture/PPT/ Peer Learning/ Edutainment/ Library session/ Team project work	4	2
རིན་པོ་ཆེའི་སྡེ་ཚན་བསྟན་བཤམ། Chapter 9: Precious Medicine (25Hrs) <ul style="list-style-type: none"> ● K- Define the effectiveness of precious medicines for pacifying compared to other medicinal form. Explain the process of making medicinal ash and managing post therapeutic complications. ● S- Perform the manufacturing process of precious medicines. ● A- Value the benefits of precious medicine. 				
1. རིན་པོ་ཆེའི་དགོས་པ་བསྟན་བཤམ། Purpose of learning precious medicine	L/NL	Lecture/PPT/ Class debate/ Discussion/ Inquiry based learning	3	2
2. རིན་ཆེན་ཚ་སྐྱུར་གྱི་ལག་ལེན། Preparing <i>rinchentshasbyor</i> 2.1 སྐྱུར་ཚུལ། 2.2 བསྟེན་ཐབས། 2.3 བཅུ་ལོན།	L/NL	Lecture/ PPT/Charts/ AV aids/ Peer learning/ Group discussion/ Inquiry based learning/Tutorial/ Problem solving methods/ Edutainment	5	5
3. རིན་ཆེན་གང་སྐྱུར་གྱི་ལག་ལེན། Preparing <i>rinchengrangshyor</i> 3.1 བསྟེན་ཐབས་དགུ། 3.2 སྐྱུར་བ་ཉི་ཤུ། 3.3 ལོག་གཞོན།	L/NL	Lecture/PPT/Charts AV aids/ Peer learning/ Class discussion/ Library session/ workshops/ Case based learning/ Project-based learning	5	5
སྐྱུར་གྱི་སྡེ་ཚན་བསྟན་བཤམ། །ལཱ་ཅི་ལཱ་ལྷན་ལག་བཟུན་ཐོབ་ཤིང་། ལོངས་སུ་མཛད། Chapter 10: Herbal Compound (10Hrs) <ul style="list-style-type: none"> ● K- Explain the herbal compound which is meant for people living in areas where one cannot find precious medicines. ● S- Identify the components of various herbs. ● A- Realise the importance of herbal medicine. 				
1. སྐྱུར་གྱི་དགོས་པ། Purpose of learning herbal compound 1.1 སྐྱུར་གྱི་དགོས་པའི་རང་བཞིན། 1.2 རུས་པོའི་ལོག་རྒྱུ་ལག་ལེན་བཤམ།	L/NL	Lecture/PPT/Charts/ Tutorial/ Group discussion	1	1
2. ཚ་སེལ་གྱི་སྐྱུར་བཤམ། Compound treating pyrexia 2.1 ལྷན་ཚང་གི་སྐྱུར་བཤམ།	L/NL	Lecture with PPT/ AV aids/ Field visit/ Inquiry based learning	3	1

	<i>mu tig yubyuru sogs ma zhuba 'ikhamsnams 'dulsbyong / lcagsrtsibzothabskyi lag len/ lcags dang zangs/ zha nye sogs kyithalbzo 'i lag len/ dkarbtulgyi lag len.</i>		
10	<p>སྤྱི་སྤྱོད་གྱི་ལག་ལེན།</p> <p>རང་ཉིད་གནས་སའི་ཁོར་ལུག་ལས་སྐྱེན་སྐྱ་བཅུ་ལས་མི་ཉུང་བ་ བཀོལ་དྲི་ནི་བྱེད་མེ་ཚན་ལྔའི་ལག་ལེན་གང་ཅུང་དང་སྤྱོད་དྲི་སྤྱོད་ ཐབས་ཚུ་གང་གང་ཅུང་གི་གཙོ་བོའི་སྤྱོད་བ་ལ་ཁ་བསྐྱར་གསུམ་ལས་ མི་ཉུང་བའི་ལག་ལེན།</p> <p>Collection of minimum ten herbal medicines grown in and around the campus area to prepare any one of the five pacifying medicinal methods.</p>	III	10
	Total hours	140	

Table 4 Assessment Summary

A. Number of papers and Marks Distribution

Sl.No.	Subject	Papers	Theory	Practical or Clinical Assessment					Grand Total
				Practical or clinical	Viva	Electives	IA	Total	
1.	Paper- 1 <i>zhibyeds mangyisbyar thabs/ Sowa-Rigpa Pharmacology and Pharmaceutics.</i>	1	100	100	30	-	20	150	250

B. Scheme of Assessment (formative and Summative)

SN	Professional Course	Duration of Professional Course		
		First Term (1-6 Months)	Second Term (7-12 Months)	Third Term (13-18 Months)
1	Second	3 PA & First TT	3 PA & Second TT	3 PA & UE

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

C. Calculation Method for Internal Assessment Marks (20 Marks)

Term	Periodical Assessment				Term Test	Term Assessment	
	A	B	C	D	E	F	G
	1 (20)	2 (20)	3 (20)	Average(A +B+C/3) (20)	Theory(MCQ+ SAQ+LAQ)& Practical	Sub Total (40 marks)	Term Ass essment (20 marks)

					(Converted to 20)		
First						D+E	D+E/2
Second						D+E	D+E/2
Third					Nil	D	D
Final IA	Final Internal Assessment: Average of three Term Assessment marks as shown in 'G' column						

D. Evaluation Methods for Periodical Assessment

Sl. No.	Evaluation Method
1.	Practical/Clinical Performance
2.	Viva Voce/Multiple Choice Question (MCQ)/Modified Essay Question (MEQ)/Structured Questions
3.	Open Book Test (Problem Based)
4.	Summary Writing (Research papers)
5.	Class Presentations
6.	Work Book Maintenance
7.	Problem Based Assignment
8.	Objective Structured Clinical Examination (OSCE), Objective Structured Practical Examination (OSPE), Mini Clinical Evaluation Exercise (Mini-CEX), Direct Observation Procedures (DOP), Case Based Discussion (CBD)
9.	Extra-curricular activities (Social work, Public awareness, Surveillance activities, Sports or other activities which may be decided by the department).
10.	Small Project (Individual or Group)
11.	Oral Test, etc.

E. Question Paper Pattern

I PROFESSIONAL BSRMS EXAMINATIONS <SRUG-MB>

Time: 3 Hours Maximum Marks: 100

INSTRUCTIONS: All questions compulsory

		Number of Questions	Marks per question	Total Marks
Q 1	Multiple Choice Questions (MCQ)	20	1	20
Q 2	Short answer questions (SAQ)	8	5	40
Q 3	Long answer questions (LAQ)	4	10	40
				100

F.THEORY QUESTION PAPER- BLUE PRINT

Sl. No	CHAPTERS	MARKS	TYPES OF QUESTIONS		
			MCQ (1 mark)	SAQ (5 marks)	LAQ (10 marks)
1	ཐང་གི་ལྗང་ཚན། Chapter 1: Medicinal Liquid	23	Yes (2 Nos.)	YES (1 No.)	YES (1 No.)
2	ཕྱེ་མའི་ལྗང་ཚན། Chapter 2: Medicinal Powder		YES (1 No.)	YES (1 No.)	
3	རིལ་བུའི་ལྗང་ཚན། Chapter 3: Medicinal Pill	27	YES (2 Nos.)	YES (1 No.)	YES (1 No.)
4	ལྗང་གུའི་ལྗང་ཚན། Chapter 4: Medicinal Paste		YES (3 Nos.)	YES (1 No.)	
5	ལྗང་མར་གྱི་ལྗང་ཚན། Chapter 5: Medicinal Butter		YES (2 Nos.)		
6	ལྗང་འུའི་ལྗང་ཚན། Chapter 6: <i>khaN+Da</i>	31	YES (3 Nos.)	YES (1 No.)	YES (1 No.)
7	ལྗང་ཆང་གི་ལྗང་ཚན། Chapter 7: Medicinal <i>chang</i>		YES (2 Nos.)	YES (2 Nos.)	
8	ཐལ་ལྗང་གྱི་ལྗང་ཚན། Chapter 8: Medicinal Ash		YES (1 No.)		
9	རིན་པོ་ཆའི་ལྗང་ཚན། Chapter 9: Precious Medicine	19	YES (1 No.)	YES (1 No.)	YES (1 No.)
10	སྨྱོན་གྱི་ལྗང་ཚན། རྒྱ་ཆེན་པོའི་ཡན་ལག་བདུན་ ལྗང་ཡིག་ཚང་ཁོངས་སྤྱི་ལོ་ Chapter 10: Herbal Compound		YES (3 Nos.)		NO
Total marks		100	20	40	40

G.PRACTICAL EXAM- BLUE PRINT

Sl. No	PRACTICAL NAME	MARKS [100]
1	སློབ་མ་སོ་སོའི་སྤྱོད་སྤྱོད་ལག་ལམ་གྱི་ཟེན་བྲིས་རྟོགས་ཞིབ། PRACTICAL LOG BOOK MAINTENANCE	15
2	SPOTTERS[15 Minutes Approx.]	20

