Dive into a comprehensive compilation of multiple-choice questions (MCQs) exploring Anatomy, Physiology, Biochemistry, and Homoeopathic Pharmacy. Aligned with the latest Competency-Based Dynamic Curriculum (CBDC) released by NCH, each subject features 1001 meticulously crafted questions strategically organized into chapters. Find answers conveniently located at the end of each chapter for effective self-assessment.

Tailored to meet the needs of first-year BHMS students, this resource extends its benefits to individuals gearing up for competitive exams. Offering an in-depth revision of essential subjects, it serves as a valuable tool for those seeking to strengthen their grasp on the intricacies of Anatomy, Human Physiology, Biochemistry and Homoeopathic Pharmacy.

In an era where profound knowledge and competitive exam readiness are paramount, this book acknowledges the prevalence of multiple-choice questions in assessments. By presenting a curated collection of MCQs, it empowers readers to navigate the evolving landscape of educational and competitive demands, facilitating a deeper understanding of the subjects at hand. This book stands as a valuable aid for anyone looking to enhance their knowledge and excel in the study of Anatomy, Human Physiology, Biochemistry and Homoeopathic Pharmacy.

ainbooks.com

₹000

BIAIN

1001 MCQS in ANATOMY, PHYSIOLOGY Including BIOCHEM and HOMOEOPATHIC PHARMACY

# Anatomy, Anatomy, Physiology Including Biochemistry And Homoeopathic Pharmacy

As per CBDC Syllabus

Dr. Vidyanand Uddhav Athawale • Dr. S.P. Ladda • Dr. Sachin Arjun Mhatre • Dr. Bhakti L. Khisti

BJAIN

# 1001 MCQs in Anatomy, Physiology & Biochemistry, Homoeopathic Pharmacy

Dr. Vidyanand Udddhav Athawale, M.D. (Hom) Dr. S.P. Ladda Dr. Sachin Arjun Mhatre, M.D. (Hom), Ph.D (Sch.) Dr. Bhakti L. Khisti, M.D. (Hom)



B. JAIN PUBLISHERS (P) LTD. INDIA-USA-EUROPE

# PREFACE

The National Commission for Homoeopathy (NCH) has recently revised the homoeopathic undergraduate course from the academic year 2022-23. NCH has formulated the competency based dynamic curriculum (CBDC) for the homoeopathy undergraduate

There is a significant change in the teaching learning methodology of Homoeopathic education. As per it, Multiple Choice Questions (MCQ), Short Answer Questions (SAQ) and Viva Voce are the assessment methods to be adopted for assessing the SLO (Specific Learning Objectives / Outcomes)

The theory Paper pattern is based upon the objectives, formative assessment under which MCQS are made compulsory for each paper of each subject. According to this CBDC pattern MCQs plays an important role for gathering and integration of Information in every area of the subject. specific competency to solve the MCQ the student must acquire the tool to search for specific answer.

As per the Guilbert's level MCQ are of level 1 means to remember or recall. To get the knowledge of the subject the student must know the minutes or specifics of the topic.

As per new paper pattern (CBDC) of the First BHMS, Anatomy and Human physiology & Biochemistry has two Papers each of 100 marks, i.e. Paper-I and Paper-II. In each paper of both the subjects there will be 10 Questions of Multiple Choice Questions (MCQ) of 1 mark each. These all are compulsory. As per the suggestive theme of paper MCQs will be asked as per following pattern -

- Must know- 7 MCQ
- Desirable to know- 2 MCQ.
- Nice to know- 1 MCQ

Homoeopathic Pharmacy has one paper of 100 marks. So there will be 10 Questions of Multiple Choice Questions (MCQ) of 1 mark each. All are compulsory. As per the suggestive theme of paper MCQs will be asked as per following pattern -

- Must know- 6 MCQ
- Desirable to know- 2 MCQ.
- Nice to know- 2 MCQ

Besides this as we all know that this is the era of the thorough knowledge of the subject as well of the competitive exams. To justify the same near about all the competitive examinations are based upon the multiple choice questions. As this generate potential to evolve and gain deeper knowledge in the concerned subject.

During our tenure in different institutes while teaching these subjects, what we realized is crucial and of higher significance for exam point of view has been accumulated here.

So these are our sincere and genuine effort to make available the collection of multiple choice questions for the students for their guidance and easier study of Anatomy, Human Physiology and Homoeopathic Pharmacy.

I am sure that this book will give the correct direction and sufficient knowledge to the students regarding multiple choice questions concerned to these subjects.

I know the objective questions related to these subjects are boundless. Hence beyond this also many multiple choice questions may be prepared.

I express my deep sense of gratitude and indebtedness to all my students and colleagues for their co-operation and kind support to start the journey of this book. At this time, I want to express my gratitude toward my parents, Smt. Sumitrabai and late Mr. Uddhav M. Athawale, honoured as an 'Ideal Teacher'.

I must thank my beloved wife Prof. Mrs. Archana for her unflinching support and for all kind words of encouragement that helped me to complete this book with a sense of purpose. and my kids Sampada and Arpan who always expect me in the creative image which boost my spirit.

I want to thank Almighty God most of all, because without Him I wouldn't be able to do any of this.

— Dr. Vidyanand Uddhav Athawale M.D. (Hom)

# **About the Authors**

## **Physiology:**

## Dr. Vidyanand Udddhav Athawale, M.D. (Hom)

With over 25 years of teaching experience, Dr Athawale has had the privilege of teaching in various institutions across Maharashtra, Madhya Pradesh, and Gujarat. He has also held administrative positions such as Head of Department and Vice Principal in different



institutes. He is currently the Principal at Laxmiben Homoeopathy Institute & Research Centre, Bhandu, Gujarat.

He is recognized as an approved Postgraduate teacher by MUHS and has been granted PG Guide recognition by CCH, New Delhi, specifically in the subject of 'Homoeopathic Case Taking and Repertory.'

He has actively contributed to examination-related tasks, including serving as a Paper Setter, Centre Observer (C.O.), Examiner (Convener), Examiner (External), Evaluator, and Moderator, both at MUHS and other affiliated universities. MUHS, Nashik, has appointed Dr Athawale as a subject expert in recognition of his expertise.

Regarding publications, his contributions extend to published articles in peer-reviewed magazines. He has also authored a book titled "A BEACON LIGHT..... (A Guiding Path to the Homoeopathy)"

## Anatomy:

#### Dr. S.P. Ladda

Dr. S.P. Ladda, is associate professor in Anatomy. He was a meritorious student in college. He has experience of teaching anatomy for 11 years. He has written a book on anatomy by the name 'Easy Anatomy for Exam Preparation' which makes anatomy simple and easy to memorize with tips and simple ideas to draw diagrams.



### **Pharmacy:**

#### Dr. Sachin Arjun Mhatre, M.D. (Hom), Ph.D (Sch.)

Dr Mhatre brings over a decade of teaching experience gained from various educational institutions. He is a recognized as a PG Guide with expertise in the subject of 'Homoeopathic Pharmacy'. His contributions to the examination process includes the roles



of a Paper Setter, Examiner (Convener), Examiner (External), and Evaluator at MUHS.

Regarding publications, his contributions extend to published articles in peer-reviewed magazines.

#### Dr. Bhakti L. Khisti, M.D. (Hom)

With more than 7 years of teaching experience in various institutes, Dr Khisti has a strong foundation in education and instruction. He is recognized as a PG Guide, specializing in the subject of 'Homoeopathic Pharmacy,' which reflects my expertise in this field.



He has actively contributed to the examination

processes as a Paper Setter at MUHS, showcasing his involvement in academic assessment. His contributions extend to publications, with articles published in peer-reviewed magazines, highlighting his research and writing capabilities.

In the realm of educational outreach, he shares a lecture series on the YouTube channel 'World of Homoeopathic Pharmacy,' providing valuable insights and knowledge to a wider audience.

## Contents

	Preface	iii
	Editor's preface	vii
	Publisher's note	xi
	HUMAN ANATOMY	
1.	Brain, Head, Neck & Face	3
2.	Upper Limb	31
3.	General Anatomy	57
4.	Abdomen	63
5.	Pelvis	87
6.	Lower Limb	115
7.	Thorax	139
	HUMAN PHYSIOLOGY & BIOCHEMISTRY	
1.	Cell	
2.	Basic Physiology and Body Fluids	177
3.	Blood	187
4.	Cardio Vascular System	209
5.	Respiratory System	225
6.	Digestive System	233
7.	Renal Physiology	243
8.	Endocrine System	251

Reproductive System	261
Muscle Physiology	269
General Introduction to Biochemistry & Enzymes	279
Metabolism	289
Vitamins	303
Nervous System	311
Special Senses, Body Temperature, Skin	327
PHARMACY	
Pharmacopoeia and Pharmacy	337
Sources of Homoeopathic Drugs	351
Collection of Drug Substances and Cleansing of Utensils	363
and Appliances	371
General Laboratory and Laboratory Methods	379
Brief Study of Standardisation of Drugs and	
Quality Control in Homoeopathy	387
Vehicles	395
Method of Preparing Homoeopathic Drugs	
	407
	10.5
	427
**	435
	443
Posology and Homoeopathic Posology	
	453
Prescription writing	461
	Muscle Physiology General Introduction to Biochemistry & Enzymes Metabolism Vitamins Nervous System Special Senses, Body Temperature, Skin <b>PHARMACY</b> Pharmacopoeia and Pharmacy Sources of Homoeopathic Drugs Collection of Drug Substances and Cleansing of Utensils Homoeopathic Pharmaceutical Instruments and Appliances General Laboratory and Laboratory Methods Brief Study of Standardisation of Drugs and Quality Control in Homoeopathy Vehicles Method of Preparing Homoeopathic Drugs (Old Method and New Method.) Potentisation, Preservation of Drugs and Potentised Medicine External Application The Technique of Homoeopathic Drug Proving Posology and Homoeopathic Posology (Different Scales of Preparation of Drugs.

14. Drug Administration, Drug - Medicine - Remedy,

	Dispensing of Medicine, Weights and Measurements	469
15.	Nomenclature and Classification of Homoeopathic	
	Medicinal Plants and Animals with Respect to	
	Botany and Zoology.	477
16.	Pharmacovigilance, Adverse Drug Reaction,	
	Good Medical Practice and Pharmacology	487
17.	Scope of Homoeopathic Pharmacy in Relation	
	to Materia Medica, National Economy and Organon of	
	Medicine.	493
18.	Various Constituents in Plant Substances,	
	Drug Action and Doctrine of Signature	499