

Scheme of Examination

&

Syllabi

*(AS PER CENTRAL COUNCIL HOMOEOPATHY Amended, NOTIFICATION
OF SEPT.2003)*

**FOR
FIRST & SECOND BHMS EXAMINATIONS**

Academic Session 2005 - 2006



GURU GOBIND SINGH
INDRAPRASTHA
UNIVERSITY

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY
Kashmere Gate, Delhi - 110 006 (INDIA).

www.ipu.ac.in

Scheme for First BHMS

Code No.	Subject	Full Marks	Pass Marks
BHMS-101	Homeopathic Pharmacy	100	50
BHMS-102	Anatomy (Paper I)	100	50
BHMS-103	Anatomy (Paper II)	100	50
BHMS-104	Physiology including Biochemistry (Paper I)	100	50
BHMS-105	Physiology including Biochemistry (Paper II)	100	50
BHMS-106	Homeopathic Materia Medica	100	50
BHMS-107	Organon of Medicine, Principles of Homeopathic Philosophy and Physiology	100	50
Practical/Oral			
BHMS-151	Homeopathic Pharmacy	100	50
BHMS-152	Anatomy (I & II)	200	100
BHMS-153	Physiology including Biochemistry (Practical including oral)	200	100
BHMS-154	Homeopathic Materia Medica	50	25
BHMS-155	Organon of Medicine, Principles of Homeopathic Philosophy and Physiology	50	25
TOTAL MARKS		1300	650

Scheme for Second BHMS

Code No.	Subject	Full Marks	Pass Marks
BHMS-201	Pathology And Microbiology including Parasitology Bacteriology and Virology	100	50
BHMS-202	Forensic Medicine & Toxicology	100	50
BHMS-203	Homeopathic Materia Medica	100	50
BHMS-204	Organon of Medicine	100	50
Practical/Oral			
BHMS-251	Pathology And Microbiology including Parasitology Bacteriology and Virology	100	50
BHMS-252	Forensic Medicine & Toxicology	100	50
BHMS-253	Homeopathic Materia Medica	100	50
BHMS-254	Organon of Medicine	100	50
TOTAL MARKS		800	400

SCHEME FOR FIRST BHMS

Paper Code: BHMS - 101
Paper: Homoeopathic Pharmacy

INSTRUCTIONS TO PAPER SETTERS:	MAXIMUM MARKS: 100
1. Attempt SIX Questions in All 2. Attempt THREE Questions from each part . Question No.1 is compulsory from each part and is of 10 Marks.	

Subject	Theoretical Lectures	Practical / Tutorial / Seminar
Homeopathic Pharmacy	100 hrs.	100 hrs.

Subject	Written		Practical(including oral)		Total	
	Full Marks	Pass Marks	Full Marks	Pass Marks	Full Marks	Pass Marks
Homeopathic Pharmacy	100	50	100	50	200	100

SAMPLE PAPER

Time; 3 Hrs	Max. Marks :100
1 Attempt SIX Questions in All 2 Attempt THREE Questions from each part . Question No.1 is compulsory from each part and is of 10 Marks.	
<u>PART -A</u> 50 Marks	
Q 1.	10 Marks(Compulsory)
Q2.....	20 Marks
Q3.....	20 Marks
Q4.....	20 Marks
<u>PART-B</u> 50 Marks	
Q5.....	10 Marks (Compulsory)
Q6.....	20 Marks
Q7.....	20 Marks
Q8.....	20 Marks

PART –A

50 Marks

Orientation to subject - elementary history of Botany, Zoology and Chemistry with rules of their nomenclature and their respective terminologies.

- (1) (A) Explanation of terms like common names, synonyms, Hyponyms, typonyms, invalid names.
(B) . Advantages and disadvantages of Commercial names and Botanical names.
(C) Anomalies in the nomenclature of Homoeopathic Drugs.
- (2) Schools of Medicine: their discovery, principles pharmacology and Materia Medica, scope and limitations.
- (3) History of the art and science of Pharmaceutics.
- (4) Literature on Homoeopathic Pharmaceutics.
- (5) Sources of Homoeopathic Pharmacy.
- (6) Homoeopathic Pharmacy: its speciality and originality
- (7) Importance of the knowledge of Pharmacy.
- (8) Sources of knowledge about curative powers of the technique of Drug proving in Homoeopathy.
- (9) Aspects of Pharmacy.
- (10) Relation of Pharmaceutics with other sciences.
- (11) Inter-relationship of different schools of Pharmacy with emphasis on relationship of Allopathic and Homoeopathic Pharmacy.
- (12) Properties of Drugs.
- (13) (a) Routes of Administration of drugs in general.
(b) Routes of Administration of Homoeopathic remedies.
 - a. Action of Drugs.
 - b. Uses of Drugs.

50 Hrs.

PART – B

50 Marks

Explanation and definitions of:-

- (a) Foods, Poisons, cosmetics.
- (b) Drug substance, Drug, Medicine, Remedy,
- (c) Pharmacy. Pharmacology and Pharmacopoeia, Pharmacodynamics and other related terms used in relation to the subject. Homoeopathic Pharmacopoeia,

Homoeopathic Pharmacy in relation to:-

- (a) Organon of Medicine **Aphorism 264 to 285.**
- (b) Materia Medica.
- (c) National Economy.

Pharmacy and Pharmacopoeia; its Sources and relation with other sciences. Classification of Homoeopathic Medicines according to their.

- (a) Botanical and
- (b) Zoological natural orders.

English name of each medicine.

Common names in Indian Languages like Assamese, Bengali, Hindi, Gujarati, Kannad, Konkani, Maithili, Malayalam, Marathi, Sanskrit, Tamil, Telgu, Urdu, Oriya etc. with emphasis on the students learning the common names of their region.

Posology

Homoeopathic Posology: Its logic, advantages and dis-advantages.

Potentization: Its logic, scientificity and evolution and scales.

Vehicles

Scales for preparation of drugs.

Pharmacological Action of Polycrest medicines (50 medicine list attached)

Abbreviations used in prescription writing.

Legal part: legislation in respect of Homoeopathic Pharmacy, Drugs and Cosmetic Act, Poison Act, Pharmacy Act. **50 Hrs.**

TEXT BOOKS;

1. A text books of Homoeopathic Pharmacy by MANDAL AND MANDAL
2. Art and Science of Homoeopathic Pharmacy by Dr. sumit Goel
3. A text book of Hom. Pharmacy by DR. D.D. Banerjee

REFERENCE BOOKS:

1. The Glimpses of the history of Medicine by DR. D.D. Banerjee
2. Homoeopathic Drug Picture by DR. M.L. Tyler
3. Principles & Practice of Hom. By M.L. Dhawle

Paper Code: BHMS - 102
Anatomy (Paper-I)

INSTRUCTIONS TO PAPER SETTERS:

MAXIMUM MARKS: 100

1. Attempt **SIX** Questions in All
2. Attempt **THREE** Questions from each part .**Question No.1** is compulsory from each part and is of **10** Marks.

PART-A

Max.Marks 50

Head and Neck

Scalp - Innervations, vascular supply middle meningeal artery.

Face-main muscles groups, muscles of facial expression muscles of mastication, innervations of skin and repair muscles, vascular supply, principles of repair scalp and face wrinkles.

The eyelids, eyeball, lachrymal apparatus, the muscles that move the eyeball.

The nasal cavity and nasopharynx, septum, conchae, Para nasal sinus, Eustachian tube lymphoid masses.

Oral cavity and pharynx.

Larynx and laryngeal part of Pharynx structure (No details) functions, nerves supply, laryngoscopes appearances.

Cervical vertebrae, joints of head and neck.

Structures of neck, sternomastoid, brachial plexus, main arteries and veins, disposition of lymph nodes, areas of drainage, phrenic nerve, thyroid gland and its blood supply, Para-thyroid, the trachea, esophagus. The position of the Sub-mandibular and sublingual salivary glands.

Teeth and dentition.

The external middle and internal ear.

Applied anatomy

Surface marking: Parotid gland, middle meningeal artery, thyroid gland, common internal and external carotid arteries.

Embryology.

Modern conception of cell components and their functions, why a cell divides, cell division, types with their significance.

Genetic Individuality: (I) Elementary genetics definition, health and disease, result of interaction between organism and its environments, utility of knowledge from Homoeopathic point of view

(ii) Mendel's Laws and their significances

(iii) Applied genetics.

65 Hrs

PART- B Max.Marks 50
Upper Extremity

- (i) Skeleton, position and functions of joints,
- (ii) Muscle groups, Brachial plexus,
- (iii) Arterial supply, venous drainage, Neuro vascular bundles, lymphatic and lymph nodes, relation of nerves to bones.
- (iv) Joints with special emphasis on Shoulder, Elbow and Wrist joints, muscles producing movement, results of nerve injury.
- (v) Radiology of bones and joints, classification, determination of age.
- (vi) Applied anatomy
- (vii) Surface marking of main arteries, nerves.

Neuro anatomy / Brain

- (i) Meninges-functions of
- (ii) Cerebrum-areas of localization, vascular supply basal ganglion, internal capsule.
- (iii) Cerebellum-functions.
- (iv) Pons, medulla, midbrain, cranial nerves, palsies.
- (v) Cerebro-spinal fluid-formation, circulation function, absorption.
- (vi) Cranial nerves, origin, courses (with minimum anatomical detail) areas of distribution.
- (vii) The sympathetic and parasympathetic nervous system location, distribution, functions.
- (viii) Applied anatomy of lumbar puncture, referred pain, spinal anesthesia increased intracranial pressure.

60 hrs.

Paper Code: 103

Anatomy (Paper– II)

INSTRUCTIONS TO PAPER SETTERS:	MAXIMUM MARKS: 100
1. Attempt SIX Questions in All	
2. Attempt THREE Questions from each part . Question No.1 is compulsory from each part and is of 10 Marks.	

(c) **PART-A** **Marks 50**
Abdomen And Pelvis

- (i) The abdominal wall-skin and muscles, innervations of fascia, peritoneum, blood vessels, lymphatic, autonomic, ganglia and plexuses.
- (ii) Stomach, small intestine, caecum, appendix, large intestine.
- (iii) Duodenum, pancreas, kidneys, uterus, supra renals.
- (iv) Liver and gall bladder
- (v) Pelvis, skeleton and joints, muscles of the pelvis, organs internal and external genitalia in male and in the female, lumbosacral plexus, vessels, lymphatic, autonomic ganglia, and plexuses.
- (vi) Blood vessels and nerve plexuses of abdomen and pelvis, the portal venous system.
- (vii) Applied anatomy of referred pain, portal systemic anastomosis, catheterization of the urinary bladder in the male and female.
- (viii) Surface marking of organs and blood vessels.

Lower Extremities

- (i) Skeleton, position and functions of joints,
- (ii) Muscle groups, lumber plexus,
- (iii) Arterial supply, venous drainage, Neuro vascular bundles, lymphatic and lymph nodes, relation of nerves to bones.
- (iv) Joints with special emphasis on lumbo - sacral, hip, knee and ankle joints, muscles producing movement, results of nerve injury.
- (v) Radiology of bones and joints, classification, determination of age.
- (vi) Applied anatomy
- (vii) Surface marking of main arteries, nerves.

60 hrs.

Thorax

- (i) Skeleton of joints of muscles of chest wall-diaphragm, innervations of abdominal and thoracic respiration, difference with age. The mammary gland lymphatic drainage.
- (ii) The pleura & lungs.
- (iii) Arrangement of structures in the mediastinum, heart, coronary arteries, great vessels, trachea, esophagus, lymph nodes, thymus.
- (iv) Radiology, of heart, aorta, lung, bronchogram.
- (v) Surface marking - pleura, lung, and heart - valves of heart, border, arch of aorta, sup, venacava, bifurcation of trachea.

Histological study

Identification of histological specimen of tissues and organs viz., liver, kidney, lungs, thyroid, pancreas, spleen, trachea, esophagus, stomach, tongue intestine, large intestine, testes, every bone, adipose tissue, spinal cord, suprarenal glad, parotid gland, anterior pituitary salivary glands, skin, parathyroid gland, cerebellum, cerebral cortex, cardiac muscle.

65 hrs.**Text books:**

1. *Human Anatomy*, B. D. Chaurasia,
2. *Di Fore's Atlas of Histology*, Victor P. Eroschenko, Lippincott Williams & Wilkins

Reference books:

1. *Gray's Anatomy*, Churchill Livingstone
2. *Clinical Anatomy for Medical Students*, Richard S. Snell, Lippincott Williams & Wilkins

Paper Code: 104
Physiology including Biochemistry (Paper- I)

INSTRUCTIONS TO PAPER SETTERS:

MAXIMUM MARKS: 100

- | |
|---|
| <ol style="list-style-type: none">1 Attempt SIX Questions in All2 Attempt THREE Questions from each part .Question No.1 is compulsory from each part. |
|---|

PART –A

Marks: 50

Introduction

Fundamental phenomena of life. The cell and its differentiation. Tissues and organs of the body.

Bio-chemical principles

Elementary constituents of protoplasm, chemistry of proteins, carbohydrates and lipids, Enzymes.

Bio-physical principles

Units of concentration of solutions, ions, electrolytes and non-electrolytes filtration, diffusion, ultra-filtration, dialysis, surface tension, absorption, hydrotropy, domain equilibrium, colloid, acid-base concentration.

Blood composition

1. Composition and functions in general.
2. Physiology of plasma proteins, normal values, E.S.R. & other blood indices.
3. Physiology of R.B.C., W.B.C. and platelets formation, fate and physiological and functions of formed elements of blood.
4. Body fluid compartments, their measurements, blood volume and its regulation.
5. A.B.O. and RH. Blood group systems.
6. Lymphatic and RE system.
7. Coagulation & homeostasis.

CARDIO-VASCULAR SYSTEM: (C.V.S.)

1. Structure and properties of cardiac muscle.
2. Generation and conduction of cardiac impulse, E.C.G. (Normal).
3. Cardiac cycle with reference to pressure, volume changes, heart sounds etc.
4. Heart rate and its regulations.
5. Haemodynamics, B.P. and its regulation.
6. Nervous and chemical control of blood vessel.
7. Physiological basis of shock.

Respiratory system

1. Introduction, general organization.
2. Mechanics of respiration, compliance.
3. Pulmonary volumes and capacities.
4. Pulmonary and alveolar ventilation.
5. Physical principles of gaseous exchange and transport of respiratory gases.
6. Nervous and chemical control of respiration.
7. Hypoxia, acclimatization, cyanosis, dyspnoea, asphyxia, abnormal respiration.
8. Pulmonary function tests.
9. Effect of high and low atmospheric pressure effect of respiration on circulation, artificial respiration.

60 hrs.

PART –B

Marks :50

Excretory system

1. General introduction, structure and functions of kidney.
2. Mechanism of formation of urine.
3. Mechanism of concentration and dilution of urine.
4. Physiology of micturation.

Special Senses

1. Physiology of taste and smell sensation.
2. Ear-General anatomy, conduction of sound waves through external, middle and internal ear.
3. Peripheral and central mechanism of hearing and auditory pathways.
4. General anatomy refractory media and protective mechanisms in Eye.
5. Formation, circulation and functions of aqueous humor.
6. Physiology of optics, Formation of image, accommodation errors of refraction, acuity of vision.
7. Physiology of retina photoreceptor functions, dark and light adaptation, photochemistry of vision, colour vision.
8. Visual pathway and effects of various levels.

Environmental Physiology

1. Skin - structure and functions.
2. Regulations of body temperature hypothermia.

65 hrs.

Paper Code: 105
Physiology including Biochemistry (Paper-II)

INSTRUCTIONS TO PAPER SETTERS:

MAXIMUM MARKS: 100

1. Attempt **SIX** Questions in All
2. Attempt **THREE** Questions from each part .**Question No.1** is compulsory from each part and is of **10** Marks.

Marks: 50

Part-A
Nerve

1. Structure and function of nerve cell.
2. Bioelectric phenomena in the nerve and muscle. R.M.P. Action and its propagation, neuromuscular transmission.
3. Classification and properties of nerve fibers.
4. Wellerian degeneration, regeneration and reaction of degeneration.

Skeleto - Muscular System

1. General introduction and classification of muscle fibers.
2. Excitation-contraction coupling and molecular basis of contraction.
3. Properties of skeletal muscles and factors affecting development of tension.
4. Energy metabolism of muscles.

Central Nervous System

1. General Organization, structure and function of nerve cell and neuralgia.
2. Cerebrospinal fluid.
3. Physiology of synapse and receptor organs.
4. Physiology of reflex action - classification properties etc. of reflexes.
5. Sensory and motor tracts and effects of sections transaction & hemi section of the spinal cord.
6. Spinal. Decerebrate and decorticate preparations and Regulations of posture and equilibrium.
7. Reticular formation.
8. Cerebellum and basal ganglia.
9. Sensory and motor cortex.
10. Physiology of voluntary movements.
11. Higher functions of cortex: sleep and wakefulness. EEG. memory, speech, learning.
12. Physiology of thalamus and hypothalamus and limbic system.
13. Physiology of autonomic nervous system, peripheral and central mechanism.

Digestive system

1. General introduction, Organization plan and evolutionary significance.
2. Composition, function and regulation of salivary, gastric pancreatic intestinal and biliary's secretions.
3. Movements of G.I. tract.
4. Absorption of G.I. Tract.
5. Physiology of Liver and Gall bladder structure and functions.

Nutrition

1. Balanced diet and special dietary requirements during pregnancy, lactation and grown.

60 hrs.

PART- B

Marks 50

Endocrine

1. Physiology of pituitary, thyroid, parathyroid, pancreas adrenal cortex and adrenal medulla.
2. Regulation of secretion of endocrine glands.

Reproduction

1. Introduction in general and types of reproduction.
2. Physiology of testes and ovaries.
3. Physiology of menstruation, pregnancy and lactation.
4. Placenta and its function, fetal circulation and respiration.

BIOCHEMISTRY

1. Biochemical principles and elementary constituents of protoplasm.
2. Chemistry of proteins.
3. Chemistry of carbohydrates.
4. Chemistry of lipids.
5. Enzymes and vitamins.
6. Metabolism of proteins, fats carbohydrates, minerals. Biophysical process and their principles in relation to human body.

65 hrs.

Text Books:

- a. Text book of Physiology (Vol I & II): Dr A.K.Jain
- b. Review of Medical Physiology: Ganong
- c. Human Physiology: Guyton
- d. Harper's Biochemistry: Murray Granner
- e. Samson Wright's Applied Physiology: Keele & Joels.

Reference Books:

- f. Text book of Physiology (Vol I & II): Dr A.K.Jain
- g. Review of Medical Physiology: Ganong
- h. Human Physiology: Guyton
- i. Harper's Biochemistry: Murray Granner
- j. Samson Wright's Applied Physiology: Keele & Joels

HOMOEOPATHIC MATERIA MEDICA.
Paper Code: 106
Homoeopathic Materia Medica

INSTRUCTIONS TO PAPER SETTERS:

MAXIMUM MARKS: 100

1. Attempt **SIX** Questions in All
2. Attempt **THREE** Questions from each part .**Question No.1** is compulsory from each part and is of **10** Marks.

PART –A

HOMOEOPATHIC MATERIA MEDICA. Max Marks ;50

8. A. Introductory lectures : Teaching of the homoeopathic materia medica should include:
 - (a) nature and scope of Homoeopathic materia medica
 - (b) sources of Homoeopathic materia medica; and
 - (c) Different ways of studying the materia medica.
- B. The drugs are to be taught under the following heads:
 1. Common name, natural order, habitat, part used, preparation.
 2. Sources of drug proving.
 3. Symptomatology of the drug emphasizing the characteristic symptoms and modalities.
 4. Comparative study of drugs.
 5. Complimentary, inimical, antidotal and concomitant remedies.
 6. Therapeutic applications (applied materia medica)
- C. A study of 12 tissue remedies according to Schussler's biochemic system of medicine.
- D
 1. Aconite nap
 2. Aethusa cyan
 3. Allium cepa
 4. Aloe socotrina
 5. Antimonium crud
 6. Antimonium tart
 7. Apis mellifica
 8. Argentum nit
 9. Arnica Montana
 10. Bryonia alb

30 Hrs.

PART -B

Marks 50

- | | |
|----------------------|-------------------|
| 11. Chamomilla | 12. Cina |
| 13. Colchicum autumn | 14. Colocynths |
| 15. Dulcamera | 16. Euphrasia |
| 17. Ipecac | 18. Ledum pal |
| 19. Nux Vomica | 20. Rhus Tox |
| 21. Calcarea flour | 22. Calcarea phos |
| 23. Calcarea sulph | 24. Ferrum phos |
| 25. Silicea | |

20 Hrs.

Text Books:-

- 1 Homoeopathic Mat.Medica: By William Boericke
- 2 Key Notes & Characteristics of the Materia Medica: By H.C.Allen
- 3 Homoeopathic Drug Picture by DR. M.L. Tyler
- 4 Lectures on Homoeopathic Materia Medica : By Dr J.T.Kent.

Reference Books:-

- 1 Homoeopathic Mat.Medica: By William Boericke
- 2 Key Notes & Characteristics of the Materia Medica: By H.C.Allen
- 3 Homoeopathic Drug Picture by DR. M.L. Tyler
- 4 Lectures on Homoeopathic Materia Medica : By Dr J.T.Kent.

Paper Code: 107
ORGANON OF MEDICINE AND PRINCIPLES OF HOMOEOPATHIC
PHILOSOPHY AND PSYCHOLOGY

INSTRUCTIONS TO PAPER SETTERS:	MAXIMUM MARKS: 100
---------------------------------------	---------------------------

- | | |
|--|--|
| <ol style="list-style-type: none">1. Attempt SIX Questions in All2. Attempt THREE Questions from each part .Question No.1 is compulsory from each part and is of 10 Marks | |
|--|--|

PART –A

Marks :50

I. Fundamentals of Homeopathic Science.

Preliminary lectures on the evolution of medicinal practice by the ancients giving stress to rationalistic and vitalistic thoughts.

1. Short history of Hahnemann's life and contributions.
2. Brief life and contributions of early pioneers after Hahnemann.
3. Brief study of early history of spread of Homeopathy & position of Homeopathy in various countries..
4. Hahnemann's Organon of Medicine from aphorism 1 to 42.
5. Fundamentals Principles of Homeopathy.
6. Health: Hahnemann's and modern concept.
7. Introductory lectures on diseases, their classification, drug diseases, case taking and drug proving.

75 Hrs.

PART –B

Marks :50

II. Logic.

The term 'Logic' means 'though' 'reason' 'Law' and is used to denote the totality of rules to which the process of thought is subjected, a process that reflects the reality. It is also used to denote the science of the rules of reasoning and the forms in which it occurs.

As discussed earlier, to comprehend ORGANON-PHILOSOPHY, it is essential to acquaint with understanding of LOGIC in order to grasp inductive-deductive reasoning.

III. Introduction to Psychology.

1. Definition of Psychology - as a Science and its differences from other Sciences. Concept of Mind - Contemporary schools of psychology with special reference to Behaviorist and psychoanalytic approaches.
2. Scientific study of behavior, intelligence, cause - effect relation - behavior (Pavlov, Watson, Skinner) and dynamics of behaviour (Freud and Neo Freudians).
3. Basic concepts of sensation, perception, illusion, Hallucination, Delusion, image, intelligence, aptitude, attention, thinking and memory.
4. Emotion, motivation, personality, anxiety, conflict, frustration, psychometric manifestations and dreams.
5. Developmental Psychology - normal developments since birth to maturity (both physical and psychological) and deviations- its effects on later behavior
*The attempts should be made to make a student receptive to various terms in teachings of Materia Medica and Homeopathic Philosophy.
- 6 Hahnemann's Organon of Medicine from **aphorism 43 to 70**

75 Hrs.

Text books:

- 1 **Organon of Medicine 5th the 6th Edition by Hahneman**
- 2 Introduction to Psychology 7th Edition by Clifford T. Morgan Richard A. King, published by Tata Mcgran Hill E.D.
- 3 The Genius of Homoeopathic Lecture and Essay on Homoeopathy Philosophy by Stuart Close
- 4 Life of Christian Samuel Hahnemann's founder of Homoeopathy by R.W. Hobhouse

References books:

1. The Lesser writing of Samuel Hahnemann
2. His life and work Samuel Hahnemann (2 Vols.) by Richard Haehl lectures on Homoeopathic Philosophy by J.T. Kent

Paper Code: BHMS - 151
Homoeopathic Pharmacy (Practical/ Oral)

Practicals:

Max Marks 100

Practical

- (1) Identification, and uses of Homoeopathic Pharmaceutical instruments and appliances and their cleaning.
- (2) Identification of important Homoeopathic drugs vide list attached.
 - (i) Macroscopic study of 30 drugs substances and listed in Appendix I,
 - (ii) Collection of 30 drugs substances for herbarium.
 - (iii) Microscopic study of two trituration up to 3x potency.
- (3) Estimation of moisture content of one drug substance with water bath.
- (4) Purity test of ethyl, alcohol, distilled water, sugar of milk, including determination of specific Gravity of distilled water and alcohol.
- (5) Estimation of size of globule, its medication of milk sugar and distilled water-making of doses.
- (6) Preparation and dispensing and dilute alcohol solutions and dilutions.
- (7) Preparation of mother tinctures of 3 polycrest.
- (8) Preparations of trituration of 3 crude drugs upto 3X.
- (9) Preparation of mother tinctures and solutions other than 10 percent Drug strength.
- (10) Potentization of 3 mother tinctures upto 6 decimal scale and 3 centesimal scales.
- (11) Trituration of 3 drugs upto 6x and their conversion into liquid potencies.
- (12) Preparation of external applications-one of each.
- (13) Writing of prescriptions and dispensing of the same.
- (14) Laboratory methods:-
 - (a) Sublimation
 - (b) Distillation
 - (c) Decantation
 - (d) Filtration
 - (e) Crystallization
 - (f) Percolation.
- (15) Visit to a Homoeopathic Laboratory to study the manufacture of drugs on a large scale.

APPENDIX : I

PHARMACOLOGICAL ACTION

1. Aconite nap
2. Adonis Vernalis
3. Allium cepa
4. Argentum nit
5. Arsenic alb
6. Belladonna
7. Cactus G
8. Cantharis
9. Cannabis Indica
10. Cannabis sat
11. Cinchonna off
12. Coffea crud
13. Cratagus
14. Crotalus horridous
15. Gelsemium
16. Glonoine
17. Hydrastis can
18. Hyoscynamus n
19. Kali bich
20. Lachesis
21. Lithium carb
22. Mercurius cor
23. Naja
24. Nitric acid
25. Nux Vomica
26. Passiflora incamata
- 27.; Stannum met
28. Stramonium
29. Symphytum
30. Tabacum

LIST OF DRUGS FOR IDENTIFICATION

I. VEGETABLE KINGDOM

1. Aegle folia
2. Anacardium orientale
3. Andrographis penniculata
4. Calendula Officinalis
5. Cassia sophera
6. Cinchonna off
7. Cocculus indicus
8. Coffea Cruda
9. Colocynth cittrallus
10. Crocus sativa
11. Croton tig
12. Cynodon

13. Ficus Religiosa
14. Holerrhena antidysentrica
15. Hydrocotyle
16. Justisia adhatoda
17. Lobelia inflata
18. Nux Vomica
19. Ocimum
20. Opium
21. Rauwalfia serpentine
22. Rheum
23. Saraca Indica
24. Senna (cassia acutifolia)
25. Stramonium met
26. Vinca minor

II. CHEMICALS

1. Acetic acid
2. Alumina
3. Argentum metallicum
4. Argentum Nitricum
5. Arsenic alb
6. Calcarea Carb
7. Carbo Veg (charcoal)
8. Graphite
9. Magnesium
10. Mercury (the metal)
11. Natrum mur
12. Sulphur

III. ANIMAL KINGDOM

1. Apis malefic
2. Blatta Orientalis
3. Formica rufa
4. Sepia
5. Tarantula Cubensis

100Hrs.

TEXT BOOKS:

- A text books of Homoeopathic Pharmacy by MANDAL AND MANDAL
- Art and Science of Homoeopathic Pharmacy by Dr. sumit Goel
- A text book of Hom. Pharmacy by DR. D.D. Banerjee

REFERENCE BOOKS:

- The Glimpses of the history of Medicine by DR. D.D. Banerjee
- Homoeopathic Drug Picture by DR. M.L. Tyler
- Principles & Practice of Hom. By M.L. Dhawle

**Paper Code: 152
Anatomy (Practical / Oral)**

Syllabus for Practicals / Orals is, as mentioned in the Theory paper of this Subject.

Text books:

1. *Cunningham's Manual of Practical Anatomy*, G. J. Romanes, Oxford Medical Publications
2. *Di Fore's Atlas of Histology*, Victor P. Eroschenko, Lippincott Williams & Wilkins

Reference books:

1. *Gray's Anatomy*, Churchill Livingstone
2. *Grant's Atlas of Anatomy*, Agur & Lee, Lippincott Williams & Wilkins

Paper Code: 153
Physiology Including Biochemistry (Practicals including Oral)

Practical

LIST OF PRACTICALS IN PHYSIOLOGY Max Marks 200

1. Method of Collection of Blood.
2. Haemoglobinometry.
3. The Microscope-Construction; Use & Care.
4. Total White Blood Cell Count.
5. Differential WBC count.
6. Packed Cell Volume.
7. Packed Cell Volume.
8. Calculation of Blood Indices.
9. E.S.R.
10. Bleeding Time.
11. Clotting Time.
12. Blood Groups.
13. History taking and General Examination.
14. Examination of Alimentary System.
15. Examination of the Cardiovascular system.
16. Pulse.
17. Determination of Arterial Blood Pressure in Humans and effect of posture, exercise and Cold stress.
18. Clinical Examination of the Respiratory system, E.C.G.
19. Stethography.
20. Spirometry.
21. Examination of Higher Functions.
22. Cranial Nerves.
23. Motor Functions.
24. Reflexes.
25. Sensory system.
26. Recording of Body Temperature.

LIST OF DEMONSTRATION

1. Varieties of Stimuli: Faradic or Induced and Galvanic or Constant Current: Apparatus Used in the Laboratory.
2. Excitability of Muscle.
3. Effect of Graded Stimuli.
4. Simple Muscle Twitch, Effect of temperature on the muscle.
5. Effect of two successive stimuli on the Skeletal Muscle of Frog.
6. Genesis of Tetanus.
7. Fatigue.
8. Effects of Fee and after Loading on Frog's Gastronomies Muscle.
9. Heart Block.
10. Properties of Cardiac Muscle.
11. Perfusion of Mammalian Heart and effect of various ions on it.
12. Effect of stimulation of Vagosympathetic Trunk and Crescent on Frod's Heart.

13. Effect of Acetylcholine on Heart.
14. Effect of Adrenaline on Frog's Heart.
15. Action of Nicotine on Frog's Heart.
16. Photo kinetic stimulation, Ophthalmoscopy and Tonometry.
17. Recording Mammalian blood pressure and respiration and study of factors influencing them.
18. Specific Gravity of Blood.
19. Gastric Analysis.

PRACTICAL IN BIOCHEMISTRY

1. Introduction to Biochemistry and familiarization with laboratory Instruments.
2. Study of Disaccharides - Lactose. Maltose & Sucrose.
3. Study of Polysaccharides - Starch, Dextrin & Glycogen.
4. Introduction of Proteins.
5. Normal Urine report (Inorganic and Organic Constituents)
6. Unknown solutions - Study.
7. Quantitative & Estimation of Glucose in Urine.

Text Books:

- Text book of Physiology (Vol I & II): Dr A.K.Jain
- Review of Medical Physiology: Ganong
- Human Physiology: Guyton
- Harper's Biochemistry: Murray Granner
- Samson Wright's Applied Physiology: Keele & Joels.

Reference Books:

- Text book of Physiology (Vol I & II): Dr A.K.Jain
- Review of Medical Physiology: Ganong
- Human Physiology: Guyton
- Harper's Biochemistry: Murray Granner
- Samson Wright's Applied Physiology: Keele & Joels.

Paper Code: 154
Homoeopathic Materia Medica Practical including Oral
Max Marks 50

Syllabus for Practicals / Orals is, as mentioned in the Theory paper of this Subject.

Text Books:-

- Homoeopathic Mat.Medica: By William Boericke
- Key Notes & Characteristics of the Materia Medica: By H.C.Allen
- Homoeopathic Drug Picture by DR. M.L. Tyler

Reference Books:-

- Homoeopathic Mat.Medica: By William Boericke
- Key Notes & Characteristics of the Materia Medica: By H.C.Allen
- Homoeopathic Drug Picture by DR. M.L. Tyler

PAPER CODE: BHMS – 155
ORGANON OF MEDICINE AND PRINCIPLES OF HOMOEOPATHIC PHILOSOPHY AND
PSYCHOLOGY

Max Marks 50

Syllabus for Practicals / Orals is, as mentioned in the Theory paper of this Subject.

Text books:

- 1 Organon of Medicine 5th the 6th Edition by Hahneman**
- 2 Introduction to Psychology 7th Edition by Clifford T. Morgan** Richard A. King, published by Tata Mcgran Hill E.D.
- 3 The Genius of Homoeopathic Lecture and Essay on Homoeopathy**
Philosophy by Stuart Close
- 4Life of Christian Samuel Hahnemann's founder of Homoeopathy by R.W. Hobhouse**

References books:

- 1 The Lesser writing of Samuel Hahneman
- 2 His life and work Samuel Hahneman (2 Vols.) by Richard Haehl lectures on Homoeopathic Philosophy by J.T. Kent

SECOND BHMS

Paper Code: 201

Pathology and Microbiology including Parasitology Bacteriology and Virology.

INSTRUCTIONS TO PAPER SETTERS:

MAXIMUM MARKS: 100

1. Attempt **SIX** Questions in All
 2. Attempt **THREE** Questions from each part. **Question No.1** is compulsory from each part and is of **10** Marks.
-

PART -A

MAX MARKS :50

Study of Pathology must be in relation with Concept of Miasm as evolved by Dr. Hahneman and further developed by Kent, Boger, Robert and Allen. Concept of Miasm in view of Pathology. Reference to Koch's Postulate. Importance of susceptibility and immunity thereby homoeopathic concept of Disease and Cure.

Characteristic expression of each Miasm.
Classification of symptoms/disease according to Pathology.
Correlation of Miasm and Pathology for e.g. Psora - inflammation etc.
Natural evolution in Pathology.
Resolution - Inflammatory exudative.
Degeneration. Suppurative.
Interpretation of Pathological report of all diseases and correlate the utility of it in homoeopathic system of Medicine..

Similarly all the topics in General Pathology and Systemic Pathology must be correlated, at each juncture, so that the importance of Pathology is understood by a Under-Graduate student in Homoeopathy.

Topics of General Pathology in Relation with Miasms.

Healing.
Hyperplasia.
Anaplasia.
Metaplasia
Ischemia.
Hemorrhage.
Shock.
Atrophy.
Relaxation.
Hyperemia.
Infection.
Pyrexia.
Necrosis.
Gangrene.
Infarction

SYSTEMIC PATHOLOGY.

In each system the important and common disease should be done. By keeping in view the mode of presentation, progress and outcome of the disease. For e.g. in

. Alimentary System

Tongue	Ulcer, Tumor
--------	--------------

KIDNEY BLADDER URETER URETHRA

Glemerulo Nephritis.
Pyelonephritis.
Tubercular Pyelonephritis.
Nephrotic Syndrome.
Metabolic Diseases and Kidney.
Systemic diseases and Kidney. .
Acute and Chronic Renal Failure
Kidney Tumors
Calculi.
Cystitis.
Ureteric Stncture
Urethritis., Specific and Non Specific.
Renal Function Test in Relation to Homoeopathy.

CARDIO VASCULAR DISEASES

Ischemic Heart Disease.
Rheumatic heart Disease Valvular
heart Disease Hypertension
Cardiomyopathy.
Infective Endocarditis
Congestive Cardiac Failure.
Diseases Of Pericardium.
Cardiogenic shock.

MALE AND FEMALE GENITAL DESEASE

Testicular Tumors
Acute and Chronic Prostatitis
Prostatic Tumors.
Sterility
CA penis
Ovarian tumor
Fibroids
CA Cervix
Infertility
Endometriosis Endometrial.
Breast Inflammation and Tumors.

RESPERATORY DISEASES

Pulmonary function tests
Bronchial Asthma
Bronchitis.
Bronochiactesis.
Emphysema.
Empyema.
Cor pulmonale.
Pneumonia.
Bronchogenic Carcinoma.
Interstitial lung Disease.

GASTRO INTESTINAL DISEASES.

Tongue Stomatitis Ulcers Tumors.
Esophagus, Reflux Oesophagitis.
Tumor of Esophagus.
Stomach Gastritis.
Liver Cirrhosis, Hepatitis, Ca LIVER.
Liver abscess.
Liver function test.
Gall Stones.
Pancreas Acute AND CHRONIC
PANACREATITIS, CA PANCREAS
Intestine Ulcers, Duodenal colic's, ca colon and
return.
Tumors.
Mal Absorption Syndrome
INFECTION.
APPENDIX ACUTE APPENDICITIS

SKIN DISEASES

Infection And Tumors

BONES DISEASES

Sarcoma , Osteoma, Pagets Diseases
Osteomyelitis , Tubercular , Osteomyelitis
Rheumatoid Arthritis Osteo Arthritis

GENRAL NERVOUS SYSTEM

Meningitis Pyogenic/ Tubercular

CEREBRO SPINAL FLUID

Picture of various Diseases.

ENDOCRINAL SYSTEM

Thyroid Disease, Diabetes Mellitus.

100 Hrs.

PART-B

MAX.MARKS :50

1. Bacteriology:

Widely used, laboratory, sterilization, disinfection, the disease principle of anti, Rabies,
Bacteria, infection, defense, production, immunity, hypersensitiveness, skin tests,
systematic study of bacterial habits, importance, morphological, cultural, bio-
chemical, serological and toxic behaviour of the common pathogenic and
Protozoa, classification, names, of important rhizopods, Ento, Histology, etc.

2. Parasitology:

anaerobes, general and special features of the pathogens. Names of some importance non-pathogens. Gram negative intestinal bacteria classification, identification of the pathogen Salmonella, Vibrio bacterium, Pasterurella, general idea about haemophiles, Pseudomonas, Brucella, Rickettsia, Proteus, spirochetes-general idea details of Treponema pallidum and leptospiraictero haemorrhagica.

Viruses-general characters, classification of disease e.g. varecella, Rabies, Bacteriophage Kouch's postulates.

2. Parasitology:

Protozoa-classification names of important rhizopoda, Ent. Histolytica, morphology, pathogenesis and pathogenecity, diagnosis, differences from Ent. Coli sporozoa species of plasmodia life history and pathogenesis differentiation of species.

Mastigophora-general broad morphological features classification, pathogenesis. Vectors, pathology of Kala-Azar, important features, source Disease due to balantidium coli.

Helminths-definilion of certain terms, simple classification, differences between nematodes cestodes and treamatodes Broad differentiating morphological features and broad life history and pathogenesis of important species. Cestodes and Nematodes-infecting liver, lungs, intestines and blood-general differences between schislosomes and other trematodes

2. VIROLOGY:

Diagnoses of Infectious Diseases host Parasite Relationship. Disinfectants. Mode of action. Practical aspects of Immunology i.e. Application in diagnosis, Passive Immunization, Immunopatnies in brief including AIDS Bacteria Genetics (briefly).

100 Hrs.

Text Books

- Robbin's Text book of Pathology
- Text book of Pathology : By Harsh Mohan
- Text Book of Microbiology : By Anant Narayan
- Text book of Parasitology :By Chatterjee
- Practical Pathology : By Harsh Mohan

Reference Books

- Robbin's Text book of Pathology
- Text book of Pathology : By Harsh Mohan
- Text Book of Microbiology : By Anant Narayan
- Text book of Parasitology :By Chatterjee
- Practical Pathology : By Harsh Mohan
- Chronic Miasms: By Alle

Paper Code: 202
FORENSIC MEDICINE & TOXICOLOGY

INSTRUCTIONS TO PAPER SETTERS:

MAXIMUM MARKS: 100

1. Attempt **SIX** Questions in All
 2. Attempt **THREE** Questions from each part. **Question No.1** is compulsory from each part and is of **10** Marks.
-
-

PART-A

1 Medial ethics.

Law relating to medical registration and medical relation between practitioner and the

2 Forensic Medicine:

Examination and identification of persons living and dead: Parts, bones, stains, etc.

25 Hrs.

PART-B

3 Toxicology

Mineral Acid, corrosive sublimate arsenic and its compound alcohol, opium and its

4. Medico legal post-mortem:

4. Medico legal post-mortem:

Recording post mortem appearance, forwarding materials to chemical examiner; Interpretation of laboratory and chemical examiner's findings. Students who are attending a course of lecture in forensic medicine should avail themselves of all possible opportunities of attending medico-legal post-mortems conducted by the professors of forensic medicine. It is expected that each student should attend at least 10 post-mortems.

5. Legal procedure

Definition of medical Jurisprudence, courts, and their jurisdiction

6 Demonstration:

1. Weapons
2. Organic & Inorganic poisons.
3. Poisonous plants.
4. Charts, diagram, models, x-ray films etc. of medico-legal interest.

25 Hrs.

Text Books:-

- Hand Book of Forensic Medicine And Toxicology by Dr. S.C. Basu
- The Essentials of Forensic Medicine and Toxicology by Dr. K.S. Narayan Reddy
- Parikh's Textbook of Medical Jurisprudence, Forensic Medicine and Toxicology by Dr. C.K. Parikh

Reference Books:-

- Modi's Medical Jurisprudence and Toxicology by Dr. Jaising P. Modi
- Richard Shepherd Simpson's Forensic Medicine by Dr. C. K. Simpson

Paper Code: 203
HOMOEOPATHIC Materia Medica

INSTRUCTIONS TO PAPER SETTERS:

MAXIMUM MARKS: 100

1. Attempt **SIX** Questions in All
 2. Attempt **THREE** Questions from each part .**Question No.1** is compulsory from each part and is of **10** Marks.
-

PART –A

Marks :50

PART –B

Marks: 50

50	Cantharis	51	Chelidonium Majus
52	Conium Mac	53	Digitalis per
54	Drosera	55	Ferrum met
56	Gelsemium	57	Hellebores
58	Hepur sulph	59	Ignatia
60	Kali Bron	61	Kreosotum
62	Natrum Carbo	63	Nux moschata
64	Opium	65	Petroleum
66	Phosphorus	67	Phytolocca
68	Platina met	69	Sepia
70	Spongia tosta	71	Veratrum alb
72	Kali mur	73	Kali phos
74	Magnesia Ph	75	Natrum sulph

60 Hrs.

Text Books:-

1. Homoeopathic Mat.Medica: By William Boericke
2. Key Notes & Characteristics of the Materia Medica: By H.C.Allen
3. Homoeopathic Drug Picture by DR. M.L. Tyler
4. Lecture's on Homoeopathic Materia Medica : By Dr J.T.Kent.

Reference Books:-

1. Homoeopathic Mat.Medica: By William Boericke
2. Key Notes & Characteristics of the Materia Medica: By H.C.Allen
3. Homoeopathic Drug Picture by DR. M.L. Tyler
4. Lecture's on Homoeopathic Materia Medica: By Dr J.T.Kent.

Paper Code: 204
ORGANON OF MEDICINE

INSTRUCTIONS TO PAPER SETTERS:

MAXIMUM MARKS: 100

-
1. Attempt **SIX** Questions in All
 2. Attempt **THREE** Questions from each part. **Question No.1** is compulsory from each part and is of **10** Marks.
-

PART –A

Marks :50

Hahnemann's Organon of Medicine Aphorism: 1 to 70

- (i) Evolutionary study of the patient comprising of well defined characteristics.

65 Hrs.

PART- B

Marks :50

- (1) To individualize the case so as to prepare an effective totality which allows us to arrive
 - (2) To infer about state susceptibility by appreciating the quality of characteristics state of
 - (3) Order of evaluation of the characteristics. of the case would become stepping-stone
- CLASSIFICATION OF SYMPTOMS.** Their scopes and limitations in arriving as a
- (i) Thorough grasp over the underlying dynamics: (Psychological, Physiological,
 - (ii) This would demand thorough comprehension over the evolution of DISEASE. taking
 - (iii) Knowledge of socio-cultural background is quite imperative for correct analysis and

Text books:

- Organon of Medicine 5th the 6th Edition by Hahneman
- Introduction to Psychology 7th Edition by Clifford T. Morgan Richard A. King, published by Tata Mcgran Hill E.D.
- The Genius of Homoeopathic Lecture and Essay on Homoeopathy Philosophy by Stuart Close
- Life of Christian Samuel Hahnemann's founder of Homoeopathy by R.W. Hobhouse

References books:

- The Lesser writing of Samuel Hahneman
- His life and work Samuel Hahneman (2 Vols.) by Richard Haehl lectures on Homoeopathic Philosophy by J.T. Kent

Clinical and Chemical Pathology:

Estimation of hemoglobin (by acidometry) - Count of R.B.Cs. and W.B.Cs. Staining of thin and thick films, differential counts and parasites.

Erythrocyte sedimentation rate, urine, physical, chemical microscopically, quantity of albumin and sugar, faeces-physical chemical (occult blood) add microcosmical for ova and protozoa.

Methods of sterilization, preparation of a media, use of microscope Gram and acid fast stains. Motility preparation. Gram positive and negative. Positive and negative cocci and bacilli. Special stains for corynebacterium -gram and acid fast stain of pus and sputum.

Maconkey's plate-sugar reactions-gram stain and motility of gram negative intestinal bacteria, Widal and demonstration of Pasteur and of spirochetes by dark field illumination. Fountain's strain-Lovaditt's stain. Demonstration of Methods of nacrobiosis.

Histopathology

Common teaching slide from each system, Demonstration of gross Pathological specimen. Practical demonstration of Histopathological techniques i.e. Fixation. Embedding.

Sectioning staining by common dyes and strain.

Frozen section. Its importance.

Electron Microscopy.

Phase contrast microscopy.

Text Books

- Robbin's Text book of Pathology
- Text book of Pathology : By Harsh Mohan
- Text Book of Microbiology : By Anant Narayan
- Text book of Parasitology :By Chatterjee
- Practical Pathology : By Harsh Mohan

Reference Books

- Robbin's Text book of Pathology
- Text book of Pathology : By Harsh Mohan
- Text Book of Microbiology : By Anant Narayan
- Text book of Parasitology :By Chatterjee
- Practical Pathology : By Harsh Mohan
- Chronic Miasms: By Allen

Paper Code: 252
FORENSIC MEDICINE & TOXICOLOGY (PRACTICALS INCLUDING ORAL)

Syllabus for Practicals / Orals is, as mentioned in the Theory paper of this Subject.

Text Books:-

- Hand Book of Forensic Medicine And Toxicology by Dr. S.C. Basu
- The Essentials of Forensic Medicine and Toxicology by Dr. K.S. Narayan Reddy
- Parikh's Textbook of Medical Jurisprudence, Forensic Medicine and Toxicology by Dr. C.K. Parikh

Reference Books:-

- Modi's Medical Jurisprudence and Toxicology by Dr. Jaising P. Modi
- Richard Shepherd Simpson's Forensic Medicine by Dr. C. K. Simpson

Paper Code: BHMS - 253
Paper: Materia Medica (Oral/Practical)

Syllabus for Practicals / Orals is, as mentioned in the Theory paper of this Subject.

Text Books:-

- 1 Homoeopathic Mat.Medica: By William Boericke
- 2 Key Notes & Characteristics of the Materia Medica: By H.C.Allen
3. Leader's in Homoeopathic Materia Medica: By Nash
4. Lecture's on Homoeopathic Materia Medica: By Dr J.T.Kent.
- 5 Materia Medica: By Farrington

Reference Books:-

- 1 Homoeopathic Mat.Medica: By William Boericke
- 2 Key Notes & Characteristics of the Materia Medica: By H.C.Allen
3. Leader's in Homoeopathic Materia Medica: By Nash
4. Lecture's on Homoeopathic Materia Medica: By Dr J.T.Kent.
5. Materia Medica: By Farrington

Paper Code: BHMS - 254
Paper: ORGANON OF MEDICINE (Practical including orals)

Syllabus for Practicals / Orals is, as mentioned in the Theory paper of this Subject.

Text books:

- Organon of Medicine 5th the 6th Edition by Hahneman
- Introduction to Psychology 7th Edition by Clifford T. Morgan Richard A. King, published by Tata Mcgran Hill E.D.
- The Genius of Homoeopathic Lecture and Essay on Homoeopathy Philosophy by Stuart Close
- Life of Christian Samuel Hahnemann's founder of Homoeopathy by R.W. Hobhouse

References books:

- The Lesser writing of Samuel Hahneman
- His life and work Samuel Hahnemann (2 Vols.) by Richard Haehl lectures on Homoeopathic Philosophy by J.T. Kent

**III BHMS
SURGERY INCLUDING ENT, OPHTHALMOLOGY AND DENTAL, AND
HOMOEOPATHIC THERAPEUTICS**

Lectures

Subject	Theoretical Lectures	Practicals/Tutorials /Seminars
Surgery Including ENT, Ophthalmology and Dental	150 Hours	75 Hours

Examination

Subject	Written		Practical (including oral)		Total	
	Full Marks	Pass Marks	Full Marks	Pass Marks	Full Marks	Pass Marks
Surgery Including ENT, Ophthalmology and Dental	300	150	200	100	500	250

Instructions to Paper Setters

Time: 3 Hours	Maximum Marks: 100
Question paper has two parts A and B. Attempt six questions in all. Attempt three questions from each part. Question No.1 from each part is compulsory and carries 10 marks. Rest of the questions carry 20 marks each.	
<u>PART-A</u> 50 Marks	
Q.1	10 Marks
Q.2	20 Marks
Q.3	20 Marks
Q.4	20 Marks
<u>PART-B</u> 50 Marks	
Q.1	10 Marks
Q.2	20 Marks
Q.3	20 Marks
Q.4	20 Marks

III BHMS
SURGERY INCLUDING ENT, OPHTHALMOLOGY AND DENTAL, AND
HOMOEOPATHIC THERAPEUTICS
THEORY - PAPER I
Code: BHMS-301

PART-A

1. Principles of surgery.
2. Applied anatomy and physiology.
3. General surgical procedures.
4. Inflammation. Infections - non-specific infections, specific infections, suppuration, bacteriology of surgical disease, immunity.
5. Injuries, contusions, wounds, hemorrhage, shock, burns and scalds.
6. Tumours and cysts.
7. Injuries and diseases of skin and subcutaneous tissues, ulceration and gangrene.
8. Diseases of the blood vessels, lymphatic system, and spleen.
9. Injuries and diseases of nerves, muscles, tendons, bursae.

PART-B

1. Clinical examination of the eye.
2. Subjective and objective elementary anatomy of the eye.
3. Common diseases of the lids and lacrimal apparatus.
4. Diseases of conjunctive, sclera, and cornea.
5. Disorders of refraction and accommodation, strabismus.
6. Diseases of lens; cataract.
7. Diseases of iris and ciliary body; glaucoma.
8. Orbital cellulitis, exophthalmos, endophthalmos, panophthalmiits.
9. Diseases of the retina and the optic nerve.
10. Injuries of the eye lids and eye ball.
11. Common operations of the eye and its appendages.

Books Recommended:

1. Short Practice of Surgery By Love and Bailey.
2. Text Book of Surgery By S. Das.
3. Handbook of Ophthalmology By B. M. Chaterjee, CBS Publishers and Distributors.
4. Parson's Diseases of Eye, Elsevier, a division of Reed Elsevier India, Pvt. Ltd.

III BHMS
SURGERY INCLUDING ENT, OPHTHALMOLOGY AND DENTAL, AND
HOMOEOPATHIC THERAPEUTICS
THEORY - PAPER II
Code: BHMS-302

PART-A

1. Injuries and diseases of the scalp and skull, brain and its membranes.
2. Injuries and diseases of face, lips, mouth, jaws, tongue, salivary glands.
3. Diseases of neck, thyroid, parathyroid and thymus.
4. Injuries and diseases of breast, chest, lungs and heart.
5. Injuries of bones, joints, limbs, pelvis.
6. Diseases and tumours of bone and cartilage.
7. Diseases of joints, clinical manifestations of diseases of individual joints.
8. Deformities of limbs. Amputation. Artificial limbs.
9. Injuries and diseases of spine.
10. Injuries and diseases of abdomen and peritoneum.
11. Diseases of stomach, duodenum, liver, gall bladder, bile duct, pancreas.
12. Diseases of intestines, rectum, anal canal. Intestinal obstruction.
13. Hernia.
14. Injuries and diseases of kidney, ureter, bladder, urethra and genitalia.
15. Diseases of the suprarenal glands and the autonomic nervous system.

PART-B

1. Elementary anatomy and physiology of ear, nose and throat.
2. Diseases of external ear and Eustachian tube.
3. Diseases of middle ear and mastoid.
4. Diseases of inner ear.
5. Deafness, principles of audiometry, and hearing aids.
6. Diseases of external nose and nasal septum, epistaxis.
7. Rhinitis, sinusitis, nasal polyposis.
8. Diseases of oral cavity, pharynx.
9. Adenoids and diseases of tonsils.
10. Diseases of larynx.
11. Simple procedures and operative measures in ENT.
12. Elementary anatomy of teeth and gums; clinical and histological characteristics.
13. Oral and dental hygiene.
14. Basic aetiology and classification of dental diseases.
15. Abnormalities of tooth eruption and development.
16. Abnormalities of structure, dental caries.
17. Diseases of gums, cysts and tumours.
18. Periodontal diseases.
19. Simple procedures and operative measures in dental surgery.

Books Recommended:

1. Short Practice of Surgery By Love and Bailey.
2. Text Book of Surgery By S. Das.
3. Diseases of Ear, Nose and Throat By P. L. Dhingra, B. I. Churchill
Livingstone Pvt. Ltd.

III BHMS
SURGERY INCLUDING ENT, OPHTHALMOLOGY AND DENTAL, AND
HOMOEOPATHIC THERAPEUTICS
THEORY - PAPER III
Code: BHMS-303

HOMOEOPATHIC THERAPEUTICS

PART-A

1. Principles of surgery.
2. Applied anatomy and physiology.
3. General surgical procedures.
4. Inflammation. Infections - non-specific infections, specific infections, suppuration, bacteriology of surgical disease, immunity.
5. Injuries, contusions, wounds, hemorrhage, shock, burns and scalds.
6. Tumours and cysts.
7. Injuries and diseases of skin and subcutaneous tissues, ulceration and gangrene.
8. Diseases of the blood vessels, lymphatic system, and spleen.
9. Injuries and diseases of nerves, muscles, tendons, bursae.
10. Clinical examination of the eye.
11. Subjective and objective elementary anatomy of the eye.
12. Common diseases of the lids and lacrimal apparatus.
13. Diseases of conjunctive, sclera, and cornea.
14. Disorders of refraction and accommodation, strabismus.
15. Diseases of lens; cataract.
16. Diseases of iris and ciliary body; glaucoma.
17. Orbital cellulitis, exophthalmos, endophthalmos, panophthalmitis.
18. Diseases of the retina and the optic nerve.
19. Injuries of the eye lids and eye ball.
20. Common operations of the eye and its appendages.

PART-B

1. Injuries and diseases of the scalp and skull, brain and its membranes.
2. Injuries and diseases of face, lips, mouth, jaws, tongue, salivary glands.
3. Diseases of neck, thyroid, parathyroid and thymus.
4. Injuries and diseases of breast, chest, lungs and heart.
5. Injuries of bones, joints, limbs, pelvis.
6. Diseases and tumours of bone and cartilage.
7. Diseases of joints, clinical manifestations of diseases of individual joints.
8. Deformities of limbs. Amputation. Artificial limbs.
9. Injuries and diseases of spine.
10. Injuries and diseases of abdomen and peritoneum.
11. Diseases of stomach, duodenum, liver, gall bladder, bile duct, pancreas.
12. Diseases of intestines, rectum, anal canal. Intestinal obstruction, hernia.
13. Injuries and diseases of kidney, ureter, bladder, urethra and genitalia.

14. Diseases of the suprarenal and the autonomic nervous system.
15. Elementary anatomy and physiology of ear, nose and throat.
16. Diseases of external ear and Eustachian tube.
17. Diseases of middle ear, mastoid, and inner ear.
18. Deafness, principles of audiometry, and hearing aids.
19. Diseases of external nose and nasal septum, epistaxis.
20. Rhinitis, sinusitis, nasal polyposis.
21. Diseases of oral cavity, pharynx. Adenoids and diseases of tonsils.
22. Diseases of larynx.
23. Simple procedures and operative measures in ENT.
24. Elementary anatomy of teeth and gums; clinical and histological characteristics.
25. Oral and dental hygiene.
26. Basic aetiology and classification of dental diseases.
27. Abnormalities of tooth eruption and development.
28. Abnormalities of structure, dental caries.
29. Diseases of gums, cysts and tumours.
30. Periodontal diseases.
31. Simple procedures and operative measures in dental surgery.

Books Recommended:

1. Surgery Therapeutics By Shrikant Kulkarni, B. Jain Publishers.
2. Homoeopathic Therapeutics By Samuel Lilienthal, B. Jain Publishers.
3. Practical Homoeopathic Therapeutics By W. A Dewey, B. Jain Publishers.

III BHMS
SURGERY INCLUDING ENT, OPHTHALMOLOGY AND DENTAL, AND
HOMOEOPATHIC THERAPEUTICS
PRACTICAL (INCLUDING ORAL)
Code: BHMS-351

1. Fundamentals of case taking and clinical examination including physical signs with respect to Paper-I, Paper-II, and Paper-III.
2. Bedside training.
3. Uses of common instruments asepsis and antisepsis, dressing of wounds etc.
4. Practical instructions in surgical method including physiotherapy.
5. Practical instructions in minor operative surgery on the living.
6. Adequate grasp over Diagnostics.
7. Adequate grasp over Management Principles.
8. Instructions in radiology and electro-therapeutics and their application to surgery.

Books Recommended:

1. A Manual on Clinical Surgery By Dr. S. Das
2. Demonstration of Physical Signs in Clinical Surgery By Hamilton Bailey, IOP Publishing Ltd.

MODEL QUESTION PAPER

Roll No. of Candidate.....

III BHMS – Annual Examination 2007 SURGERY INCLUDING ENT, OPHTHALMOLOGY AND DENTAL, AND HOMOEOPATHIC THERAPEUTICS

Paper I Code: BHMS-301

Time: 3 Hours

Maximum Marks: 100

Write your Roll No. on the top immediately on receipt of this question paper
Question paper has two parts A and B.
Attempt six questions in all. Attempt three questions from each part.
Question No.1 from each part is compulsory and carries 10 marks.
Rest of the questions carry 20 marks each.

PART-A

- Q.1 What do you understand by sepsis and asepsis? How can infection be prevented in surgical practice? 10
- Q.2 Define and classify burns. Describe principles of management. Discuss the management of a 30% burns case of 12 weeks of pregnant woman. 20
- Q.3 How will you manage a case of gas gangrene? 20
- Q.4 Write short notes on: 5X4=20
- a. Haemorrhagic shock.
 - b. Cysts and its varieties.
 - c. Deep vein thrombosis.
 - d. Haemangioma.

PART-B

- Q.1 Describe causes of blindness especially in India and its modes of prevention. 10
- Q.2 Discuss sources of infection and various types of keratitis. 20
- Q.3 What is conjunctivitis? Discuss the aetiology, signs and symptoms, and management of viral conjunctivitis. 20
- Q.4 Write short notes on: 5X4=20
- a. Chalazion.
 - b. Corneal ulcer.
 - c. Blepharitis.
 - d. Squint.

MODEL QUESTION PAPER

Roll No. of Candidate.....

III BHMS – Annual Examination 2007 SURGERY INCLUDING ENT, OPHTHALMOLOGY AND DENTAL, AND HOMOEOPATHIC THERAPEUTICS

Paper II Code: BHMS-302

Time: 3 Hours

Maximum Marks: 100

Write your Roll No. on the top immediately on receipt of this question paper
Question paper has two parts A and B.
Attempt six questions in all. Attempt three questions from each part.
Question No.1 from each part is compulsory and carries 10 marks.
Rest of the questions carry 20 marks each.

PART-A

- Q.1 Give the definition and classification of goiter. Describe symptoms, signs and management of secondary toxic goiter. 10
- Q.2 What are the causes of haematemesis? Discuss aetiology, signs, symptoms and complications of peptic ulcer. 20
- Q.3 Describe the classification of carcinoma of breast. 20
- Q.4 Write short notes on: 5X4=20
- Differential diagnosis of appendicular lump.
 - Anorectal abscess.
 - Femoral hernia.
 - Cleft palate.

PART-B

- Q.1 Enumerate the causes of unilateral deafness with differential diagnosis. 10
- Q.2 Describe the aetiopathology of epistaxis with its management. 20
- Q.3 What is hoarseness? Discuss various causes and management of hoarseness of voice. 20
- Q.4 Write short notes on: 5X4=20
- Gingivitis.
 - Impacted IIIrd molar.
 - Dental cyst.
 - Pyorrhoea.

MODEL QUESTION PAPER

Roll No. of Candidate.....

III BHMS – Annual Examination 2007 SURGERY INCLUDING ENT, OPHTHALMOLOGY AND DENTAL, AND HOMOEOPATHIC THERAPEUTICS

Paper III Code: BHMS-303

Time: 3 Hours

Maximum Marks: 100

Write your Roll No. on the top immediately on receipt of this question paper
Question paper has two parts A and B.
Attempt six questions in all. Attempt three questions from each part.
Question No.1 from each part is compulsory and carries 10 marks.
Rest of the questions carry 20 marks each.

PART-A

- Q.1 Describe the role of homoeopathy in the treatment of burns. 10
Give indications of 4 homoeopathic drugs.
- Q.2 Name 5 homoeopathic medicines for haemorrhage. Discuss 20
their indications and uses.
- Q.3 Name 5 homoeopathic medicines for gangrene. Discuss their 20
indications.
- Q.4 Give indications of following: 5X4=20
- a. Fluoric acid in varicose ulcers.
 - b. Kali bichrome in gastric ulcer.
 - c. Argentum nitricum in conjunctivitis.
 - d. Ceanothus in splenomegaly.

PART-B

- Q.1 Give indications of 5 homoeopathic medicines for 10
haematemesis and malena.
- Q.2 Give indications of 5 homoeopathic medicines in gum 20
abscess.
- Q.3 Discuss the role of 5 homoeopathic medicines in renal colic. 20
- Q.4 Give indications of following: 5X4=20
- a. Carbo veg. In surgical shock.
 - b. Silicea in pyogenic conditions.
 - c. Aesculus in haemorrhoids.
 - d. Causticum in retention of urine.

**III BHMS
OBSTETRICS, GYNAECOLOGY AND INFANT CARE, AND
HOMOEOPATHIC THERAPEUTICS**

Lectures

Subject	Theoretical Lectures	Practicals/Tutorials /Seminars
Obstetrics, Gynaecology and Infant care	150 Hours	75 Hours

Examination

Subject	Written		Practical (including oral)		Total	
	Full Marks	Pass Marks	Full Marks	Pass Marks	Full Marks	Pass Marks
Obstetrics, Gynaecology and Infant care	300	150	200	100	500	250

Instructions to Paper Setters

Time: 3 Hours	Maximum Marks: 100
Question paper has two parts A and B. Attempt six questions in all. Attempt three questions from each part. Question No.1 from each part is compulsory and carries 10 marks. Rest of the questions carry 20 marks each.	
<u>PART-A</u> 50 Marks	
Q.1	10 Marks
Q.2	20 Marks
Q.3	20 Marks
Q.4	20 Marks
<u>PART-B</u> 50 Marks	
Q.1	10 Marks
Q.2	20 Marks
Q.3	20 Marks
Q.4	20 Marks

III BHMS
OBSTETRICS, GYNAECOLOGY AND INFANT CARE, AND
HOMOEOPATHIC THERAPEUTICS
THEORY - PAPER I
Code: BHMS-304

OBSTETRICS AND INFANT CARE

PART-A

1. Applied anatomy and physiology of female genital organs.
2. Development of the Intra Uterine Pregnancy.
3. Diagnosis of pregnancy.
4. Ante-natal care.
5. Abnormal Pregnancy.
6. Normal and Abnormal labour.
7. Post natal care.
8. Normal and Abnormal Puerperium; Infections.
9. Abnormal Pregnancies: Abortions, Molar pregnancy, Extra Uterine pregnancy.
10. Diseases of placenta and membrane.
11. Toxaemia of Pregnancy.
12. Antepartum Hemorrhage.

PART-B

1. Multiple Pregnancy, Twins.
2. Protracted gestation.
3. Common disorders and systemic diseases associated with Pregnancy.
4. Labour. Abnormal Position and Presentation.
5. Prolapse of Cord and limbs.
6. Abnormalities in the action of the Uterus.
7. Abnormal condition of soft parts; contracted pelvis, obstructed labour.
8. Complications of third stage of labour, injuries of birth canals.
9. Common Obstetrical operations.
10. Care of new born; Infant Care.
11. Neonatal hygiene.
12. Breast feeding.
13. Artificial feeding.
14. Management of premature child.
15. Asphyxia.
16. Birth injuries.
17. Common disorders of the new born.

Books Recommended:

1. Manual of Obstetrics By Holland and Brews
2. Text Book of Obstetrics By Dutta.
3. Text Book of Obstetrics and Neonatology By C. S. Dawn

**III BHMS
OBSTETRICS, GYNAECOLOGY AND INFANT CARE, AND
HOMOEOPATHIC THERAPEUTICS
THEORY - PAPER II
Code: BHMS-305**

GYNAECOLOGY

PART-A

1. Applied Anatomy and Physiology.
2. Gynaecological Case Taking and Examination.
3. Development abnormalities.
4. Endocrinal Axis, abnormalities.
5. Uterine Displacements.
6. Inflammation, ulceration and traumatic lesion of the female genital organs.
7. Menstrual Disorders.
8. Genital infections, PID

PART-B

1. Malignant and Non-malignant Growths and tumours of genital tract.
2. Common Gynaecological operations, and radiotherapy.
3. Disorders of Genital tract.
4. Retroversion, prolapse, tumours.
5. Low backache, pruritus vulvae.
6. Contraception.
7. STD with HIV / AIDS.
8. Infertility.

Books Recommended:

1. Text Book of Gynaecology By C. S. Dawn.
2. Text Book of Gynaecology By Shaws.
3. Jeffcoates Text Book of Gynaecology.

III BHMS
OBSTETRICS, GYNAECOLOGY AND INFANT CARE, AND
HOMOEOPATHIC THERAPEUTICS
THEORY - PAPER III
Code: BHMS-306

HOMOEOPATHIC THERAPEUTICS

PART-A

1. Applied anatomy and physiology of female genital organs.
2. Development of the Intra Uterine Pregnancy.
3. Diagnosis of pregnancy.
4. Ante-natal care.
5. Abnormal Pregnancy.
6. Normal and Abnormal labour.
7. Post natal care.
8. Normal and Abnormal Puerperium.
9. Care of the New born.
10. Abnormal Pregnancies: Abortions, Molar pregnancy, Extra Uterine pregnancy.
11. Diseases of placenta and membrane.
12. Toxaemia of Pregnancy.
13. Ante-partum Hemorrhage.
14. Multiple Pregnancy, Twins.
15. Protracted gestation.
16. Common disorders and systemic diseases associated with Pregnancy.
17. Labour. Abnormal Position and Presentation.
18. Prolapse of Cord and limbs.
19. Abnormalities in the action of the Uterus.
20. Abnormal condition of soft parts; contracted pelvis, obstructed labour.
21. Complications of third stage of labour, injuries of birth canals.
22. Common Obstetrical operations.
23. Abnormal Puerperal: infections.
24. Infant Care.
25. Neonatal hygiene.
26. Breast feeding.
27. Artificial feeding.
28. Management of premature child.
29. Asphyxia.
Birth injuries.
30. Common disorders of the new born.

PART-B

1. Applied Anatomy and Physiology.
2. Gynaecological Case Taking and Examination.
3. Development abnormalities.

4. Endocrinal Axis, abnormalities.
5. Uterine Displacements.
6. Inflammation, ulceration and traumatic lesion of the female genital organs.
7. Menstrual Disorders.
8. Genital infections, PID
9. Malignant and Non-malignant Growths and tumours of genital tract.
10. Common Gynaecological operations, and radiotherapy.
11. Disorders of Genital tract.
12. Retroversion, prolapse, tumours.
13. Low backache, pruritus vulvae.
14. Contraception.
15. STD with HIV / AIDS.
16. Infertility.

Books Recommended:

4. Homoeopathic Therapeutics By Samuel Lilienthal, B. Jain Publishers.
5. Practical Homoeopathic Therapeutics By W. A Dewey, B. Jain Publishers.

**III BHMS
OBSTETRICS, GYNAECOLOGY AND INFANT CARE, AND
HOMOEOPATHIC THERAPEUTICS
PRACTICAL (INCLUDING ORAL)
Code: BHMS-352**

1. Comprehensive Case Taking and Clinical Examination with respect to Paper-I, Paper-II, and Paper-III.
2. Bedside training.
3. Adequate grasp over Diagnostics.
4. Adequate grasp over Management Principles.

Books Recommended:

1. Manual of Obstetrics By Holland and Brews
2. Text Book of Obstetrics By Dutta.
3. Text Book of Gynaecology By C. S. Dawn.
4. Text Book of Gynaecology By Shaws.
5. Jeffcoates Text Book of Gynaecology.

MODEL QUESTION PAPER

Roll No. of Candidate.....

III BHMS – Annual Examination 2007 OBSTETRICS, GYNAECOLOGY AND INFANT CARE, AND HOMOEOPATHIC THERAPEUTICS

Paper I – Obstetrics And Infant Care Code: BHMS-304

Time: 3 Hours

Maximum Marks: 100

Write your Roll No. on the top immediately on receipt of this question paper
Question paper has two parts A and B.
Attempt six questions in all. Attempt three questions from each part.
Question No.1 from each part is compulsory and carries 10 marks.
Rest of the questions carry 20 marks each.

PART-A

- | | | |
|-----|--|----|
| Q.1 | Write short notes on: | 10 |
| | a. Post Partum Haemorrhage. | |
| | b. Septic Abortion. | |
| Q.2 | What is antenatal care and postnatal care? Discuss in details. | 20 |
| Q.3 | What is pregnancy? How will you diagnose pregnancy in second trimester with investigations and management? | 20 |
| Q.4 | What is puerperium? Discuss abnormal puerperium with its complications and management. | 20 |

PART-B

- | | | |
|-----|--|----|
| Q.1 | Write short notes on: | 10 |
| | a. Multiple pregnancy. | |
| | b. Asphyxia. | |
| Q.2 | What are common obstetrical operations? Discuss in details. | 20 |
| Q.3 | What is PIH? What are its signs and symptoms? How will you investigate and manage a case of PIH? | 20 |
| Q.4 | What are abnormal presentations? How will you manage a case of Breech Presentation? | 20 |

MODEL QUESTION PAPER

Roll No. of Candidate.....

III BHMS – Annual Examination 2007 OBSTETRICS, GYNAECOLOGY AND INFANT CARE, AND HOMOEOPATHIC THERAPEUTICS

Paper II - Gynaecology Code: BHMS-305

Time: 3 Hours

Maximum Marks: 100

Write your Roll No. on the top immediately on receipt of this question paper
Question paper has two parts A and B.
Attempt six questions in all. Attempt three questions from each part.
Question No.1 from each part is compulsory and carries 10 marks.
Rest of the questions carry 20 marks each.

PART-A

- | | | |
|-----|---|----|
| Q.1 | What is menstruation? Give causes, clinical features, investigations and management in a case of menorrhagia. | 10 |
| Q.2 | What is cervical erosion? What is its clinical presentation, diagnosis, complications, and how will you manage such a case? | 20 |
| Q.3 | What is prolapse of uterus? Give its stages, causes, clinical features, investigations and management. | 20 |
| Q.4 | Write short notes on:
a. Cervical polyp.
b. Cystocele.
c. Amenorrhoea.
d. DUB. | 20 |

PART-B

- | | | |
|-----|--|----|
| Q.1 | How will you investigate an infertile women of 35 years, married for 2 years? Discuss. | 10 |
| Q.2 | Discuss in details definition, causes, investigations and prognosis in a case of cervical carcinoma. | 20 |
| Q.3 | What is leucorrhoea? Discuss its causes, investigations and mangement. | 20 |
| Q.4 | Discuss common gynaecological operations and radiotherapy. | 20 |

MODEL QUESTION PAPER

Roll No. of Candidate.....

III BHMS – Annual Examination 2007 OBSTETRICS, GYNAECOLOGY AND INFANT CARE, AND HOMOEOPATHIC THERAPEUTICS

Paper III – Homoeopathic Therapeutics Code: BHMS-306

Time: 3 Hours

Maximum Marks: 100

Write your Roll No. on the top immediately on receipt of this question paper
Question paper has two parts A and B.
Attempt six questions in all. Attempt three questions from each part.
Question No.1 from each part is compulsory and carries 10 marks.
Rest of the questions carry 20 marks each.

PART-A

- Q.1 Give indications of:
- a. Caulophyllum and Cimicifuga in labour. 5
 - b. Arnica and Calendula in Puerperal Infections. 5
- Q.2
- a. Give indications of Pulsatilla in pregnancy. 10
 - b. Discuss role of Hamamelis and Millifolium in Antepartum and Postpartum haemorrhage. 10
- Q.3
- a. Role of Sabina in abortion. 10
 - b. Role of Antim. Tart. In asphyxia. 10
- Q.4 Give indications of 5 homoeopathic medicines in a case of Toxaemia of pregnancy. 20

PART-B

- Q.1 Give indications of Lachesis and Pulsatilla in menstrual disorders. 10
- Q.2
- a. Role of Sepia in uterine prolapse. 10
 - b. Role of Cimicifuga in backache. 10
- Q.3 Give indications of following medicines in fibroid uterus: 20
- a. Aurum mur natronatum
 - b. Fraxinus Americana
 - c. Thuja
 - d. Calcarea fluor
- Q.4 Discuss any 4 homoeopathic medicines in a case of cervical erosion. 20

**III BHMS
HOMOEOPATHIC MATERIA MEDICA**

Lectures

Subject	Theoretical Lectures	Practicals/Tutorials /Seminars
Homoeopathic Materia Medica	100 Hours	75 Hours

Examination

Subject	Written		Practical (including oral)		Total	
	Full Marks	Pass Marks	Full Marks	Pass Marks	Full Marks	Pass Marks
Homoeopathic Materia Medica	100	50	100	50	200	100

Instructions to Paper Setters

Time: 3 Hours	Maximum Marks: 100
Question paper has two parts A and B. Attempt six questions in all. Attempt three questions from each part. Question No.1 from each part is compulsory and carries 10 marks. Rest of the questions carry 20 marks each.	
<u>PART-A</u> 50 Marks	
Q.1	10 Marks
Q.2	20 Marks
Q.3	20 Marks
Q.4	20 Marks
<u>PART-B</u> 50 Marks	
Q.1	10 Marks
Q.2	20 Marks
Q.3	20 Marks
Q.4	20 Marks

**III BHMS
HOMOEOPATHIC MATERIA MEDICA
THEORY
Code: BHMS-307**

PART-A

- | | |
|-----------------------|------------------------|
| 1. Aconite nap | 2. Aethusa cyan |
| 3. Allium cepa | 4. Aloe socotrina |
| 5. Antimonium crud | 6. Antimonium tart |
| 7. Apis mellifica | 8. Argentum nit |
| 9. Arnica Montana | 10. Bryonia alb |
| 11. Chamomilla | 12. Cina |
| 13. Colchium autumn | 14. Colosynthis |
| 15. Dulcamera | 16. Euphrasia |
| 17. Ipecac | 18. Ledum pal |
| 19. Nux Vomica | 20. Rhus Tox |
| 21. Calcarea flour | 22. Calcarea phos |
| 23. Calcarea sulph | 24. Ferrum phos |
| 25. Silicea | |
| 1. Acetic Acid | 2. Aceteca Racemosa |
| 3. Agaricus muscarius | 4. Agnus Castus |
| 5. Alumina | 6. Ambra grisea |
| 7. Ammonium Carb | 8. Ammonium mur |
| 9. Anacardium ori | 10. Apocynam can |
| 11. Arsenic album | 12. Arsenic iod |
| 13. Aurum met | 14. Arum Triph |
| 15. Baptisia tinctor | 16. Berberis vulg |
| 17. Bismuth | 18. Borax |
| 19. Bromium | 20. Bovista |
| 21. Cactus g | 22. Calcarea ars |
| 23. Calendula | 24. Camphora |
| 25. Cantharis | 26. Chelidonium maj |
| 27. Conium mac | 28. Digitalis per |
| 29. Drosera | 30. Ferrum met |
| 31. Gelsemium | 32. Helliborus |
| 33. Hepar sulph | 34. Ignatia |
| 35. Kali Brom | 36. Kreosotum |
| 37. Natrum Carb | 38. Nux moschata |
| 39. Opium | 40. Petroleum |
| 41. Phosphorus | 42. Phytolacca |
| 43. Plantina met | 44. Sepia |
| 45. Spongia tost | 46. Veratrum alb |
| 47. Kali mur | 48. Kali phos |
| 49. Magnesia Ph | 50. Natrum sulph |
| 1. Actea spicata | 2. Adonis vernalis |
| 3. Antimonium ars | 4. Argentum metallicum |
| 5. Asafoetida | 6. Asterins rubens |

- | | |
|----------------------|---------------------|
| 7. Baryta carb | 8. Benzoic acid |
| 9. Belladonna | 10. Bufo rana |
| 11. Caladium | 12. Calcarea curb |
| 13. Cannabis indica | 14. Cannabis sativa |
| 15. Carbo vegetabiis | 16. Causticum |
| 17. Crotalus hor | 18. Crotonig |
| 19. Cuprum met | 20. Cyclamen |

PART-B

- | | |
|-----------------------|---------------------|
| 21. Dioscorea villosa | 22. Equisetum |
| 23. Graphitis | 24. Hyoscyamus n |
| 25. Hypericum | 26. Iodum |
| 27. Kali carb | 28. Katisufph |
| 29. Kalmia iatfolia | 30. Lachesis |
| 31. Lycopodium | 32. Mercurius sol |
| 33. Mercurius cor | 34. Mercurius sulph |
| 35. Moschus | 36. Murex |
| 37. Muriatic acid | 38. Naia t |
| 39. Natrum mur | 40. Natrum phos |
| 41. Nitric acid | 42. Onosmodium |
| 43. Oxalic acid | 44. Petroleum |
| 45. Phosphoric acid | 46. Phyphostigma |
| 47. Picric acid | 48. Plumbum met |
| 49. Podophylum | 50. Pulsatilla |
| 51. Secaler core | 52. Selenium |
| 53. Staphisagria | 54. Stramonium |
| 55. Sticta P | 56. Sulphur |
| 57. Sulphuric acid | 58. Symphytum |
| 59. Symphylinum | 60. Tabacum |
| 61. Taraxacum | 62. Tarentula c |
| 63. Teribinthina | 64. Thalasp bursa p |
| 65. Theridion | 66. Thuja |
| 67. Thyroidinum | 68. Vaccinum |
| 69. Zincum met | |

Books Recommended:

1. Homoeopathic Materia Medica by William Boericke.
2. Key Notes and Characteristics of the Materia Medica by H. C. Allen
3. Homoeopathic Drug Picture by M. L. Tyler
4. Lectures on Homoeopathic Materia Medica by J. T. Kent
5. Physiological Materia Medica by Dr. Burt
6. Clinical Materia Medica by E. A. Farrington
7. Dictionary of Clinical Materia Medica by Clarke

III BHMS
HOMOEOPATHIC MATERIA MEDICA
PRACTICAL (INCLUDING ORAL)
Code: BHMS-353

1. Application of materia medica from cases in the outdoor and hospital wards.
2. Comparative materia medica and therapeutics of the syllabus.

MODEL QUESTION PAPER

Roll No. of Candidate.....

III BHMS – Annual Examination 2007 HOMOEOPATHIC MATERIA MEDICA Code: BHMS-307

Time: 3 Hours

Maximum Marks: 100

Write your Roll No. on the top immediately on receipt of this question paper
Question paper has two parts A and B.

Attempt six questions in all. Attempt three questions from each part.

Question No.1 from each part is compulsory and carries 10 marks.

Rest of the questions carry 20 marks each.

PART-A

- Q.1 Give pen picture of Calcarea carb child. 10
- Q.2 Give indications of following drugs in diarrhoea: 20
- | | |
|--------------|-------------------|
| a. Aloes | b. Croton tig. |
| c. Ars. Alb. | d. Natrum. Sulph. |
- Q.3 Give indications of following drugs in respiratory complaints: 20
- | | |
|-----------------|---------------|
| a. Antim. Tart. | b. Causticum. |
| c. Ipecac. | d. Drosera |
- Q.4 What are therapeutic indications of following drugs in joint pains? 20
- | | |
|--------------------|--------------|
| a. Calcarea fluor. | b. Ledum pal |
| c. Actea racemosa | d. Rhus tox. |

PART-B

- Q.1 Give pen picture of Staphysagria. 10
- Q.2 Give indications of following drugs in female complaints: 20
- | | |
|---------------|------------------|
| a. Pulsatilla | b. Secale cor. |
| c. Lachesis | d. Thlaspi bursa |
- Q.3 Give therapeutic indications of following: 20
- | |
|---------------------------------|
| a. Kali carb in pleurisy |
| b. Merc. cor in dysentery |
| c. Naja t in cardiac complaints |
| d. Petroleum in skin complaints |
- Q.4 Give indications of following: 20
- | |
|----------------------------------|
| a. Lycopodium in liver disorders |
| b. Nitric acid for haemorrhoids |
| c. Natrum mur for headache |
| d. Moschus for hysteria |

**III BHMS
ORGANON OF MEDICINE AND HOMOEOPATHIC PHILOSOPHY**

Lectures

Subject	Theoretical Lectures	Practicals/Tutorials /Seminars
Organon of Medicine and Homoeopathic Philosophy	100 Hours	75 Hours

Examination

Subject	Written		Practical (including oral)		Total	
	Full Marks	Pass Marks	Full Marks	Pass Marks	Full Marks	Pass Marks
Organon of Medicine and Homoeopathic Philosophy	100	50	100	50	200	100

Instructions to Paper Setters

Time: 3 Hours	Maximum Marks: 100
Question paper has two parts A and B. Attempt six questions in all. Attempt three questions from each part. Question No.1 from each part is compulsory and carries 10 marks. Rest of the questions carry 20 marks each.	
<u>PART-A</u> 50 Marks	
Q.1	10 Marks
Q.2	20 Marks
Q.3	20 Marks
Q.4	20 Marks
<u>PART-B</u> 50 Marks	
Q.1	10 Marks
Q.2	20 Marks
Q.3	20 Marks
Q.4	20 Marks

III BHMS
ORGANON OF MEDICINE AND HOMOEOPATHIC PHILOSOPHY
THEORY
Code: BHMS-308

PART-A

1. Hahnemann's Organon of Medicine; Aphorism 1 to 203.
2. Hahnemann's Theory of Chronic Diseases.

PART-B

1. Hahnemann's Organon of Medicine; Aphorism 204 to 294.
2. Kent's Lectures, Robert's and Close's Philosophy.
3. Diet, ancillary treatment.
4. Posology.
5. Introduction of Repertory.

Books Recommended:

1. Organon of Medicine by Samuel Hahnemann.
2. Theory of Chronic Diseases by Hahnemann.
3. Kent's Lectures.
4. Robert's Art of Healing.
5. Genius of Homoeopathy by Stuart Close.
6. Chronic Diseases by P. N. Banerjee.
7. Spirit of Organon by Tapan Mandal.
8. Robin Murphy's Commentary on Organon of Medicine.
9. Science of Homoeopathy by Vithoulkas.

III BHMS
ORGANON OF MEDICINE AND HOMOEOPATHIC PHILOSOPHY
PRACTICAL (INCLUDING ORAL)
Code: BHMS-354

1. Applied aspects of Hahnemann's Organon of Medicine; Aphorism 1 to 294, Hahnemann's Theory of Chronic Diseases, Kent's Lectures, Robert's and Close's Philosophy.
2. Case Taking.
3. Case Analysis.
4. Evaluation.
5. Disease Diagnosis.
6. Miasm.
7. Posology.
8. Remedy Selection.
9. Diet, ancillary treatment.
10. Journal of 20 cases of thoroughly worked out cases

MODEL QUESTION PAPER

Roll No. of Candidate.....

III BHMS – Annual Examination 2007
ORGANON OF MEDICINE AND HOMOEOPATHIC PHILOSOPHY
Code: BHMS-308

Time: 3 Hours

Maximum Marks: 100

Write your Roll No. on the top immediately on receipt of this question paper
Question paper has two parts A and B.
Attempt six questions in all. Attempt three questions from each part.
Question No.1 from each part is compulsory and carries 10 marks.
Rest of the questions carry 20 marks each.

PART-A

- | | | |
|-----|--|----|
| Q.1 | Enumerate the differences between 5 th and 6 th Editions of Organon. | 10 |
| Q.2 | Give the classification of diseases according to Dr. Hahnemann with details of chronic diseases. | 20 |
| Q.3 | What are one sided diseases? Give the homoeopathic approach to their treatment. | 20 |
| Q.4 | Give the fundamental causes of chronic diseases with the basic picture of each. | 20 |

PART-B

- | | | |
|-----|--|--------|
| Q.1 | Explain a complete homoeopathic prescription. | 10 |
| Q.2 | What are intermittent diseases? Give their treatment outline. | 20 |
| Q.3 | What is evaluation of symptoms? State Kent's mode of evaluation. | 20 |
| Q.4 | Write short notes on: | 4X5=20 |
| | a. Idiosyncrasy. | |
| | b. Second prescription. | |
| | c. Homoeopathic aggravation. | |
| | d. Mesmerism. | |
| | e. Classification of mental diseases. | |

**GURU GOBIND SINGH
INDRAPRASTHA UNIVERSITY,
KASHMERE GATE, DELHI – 110006**

**SCHEME OF EXAMINATION
AND
DETAILED SYLLABUS**

**AS PER CENTRAL COUNCIL OF HOMOEOPATHY
(DEGREE COURSE) B.H.M.S. REGULATIONS, 1983
(AS AMENDED, UPTO SEPTEMBER 2003)**

**FOR
FOURTH B.H.M.S. EXAMINATIONS**

Fourth BHMS PRACTICE OF MEDICINE

Lectures

Subject	Theoretical Lectures	Practicals / Clinicals / Tutorials
Practice of Medicine	150 Hours	200 Hours

Examination

Subject	Written		Practical (including oral)		Total	
	Full Marks	Pass Marks	Full Marks	Pass Marks	Full Marks	Pass Marks
Practice of Medicine	300	150	200	100	500	250

Instructions to Paper Setters

Time: 3 Hours Maximum Marks: 100

Question paper has two parts, A and B.

Attempt six questions in all (Three questions from each part).

Question No.1 from Part-A and Question No.5 from Part-B are compulsory and carry 10 marks each.

Rest of the questions carry 20 marks each.

PART-A

50 Marks

Q.1	10 Marks
Q.2	20 Marks
Q.3	20 Marks
Q.4	20 Marks

PART-B

50 Marks

Q.5	10 Marks
Q.6	20 Marks
Q.7	20 Marks
Q.8	20 Marks

**Fourth BHMS
PRACTICE OF MEDICINE**

**THEORY - PAPER I
Code: BHMS-401**

PART-A

1. Clinical Methods of Examination of patients as a whole.
2. Respiratory Diseases.
3. Alimentary Tract Diseases.
4. Pancreatic Diseases.
5. Genetic Disorders.

PART-B

1. Nutritional Disorders.
2. Immunological Factors in Diseases.
3. Climatic Factors in Diseases.
4. Metabolic Diseases.
5. Endocrinal Diseases.

Text Books:

1. Davidson's Principles and Practice of Medicine.
2. Text Book of Medicine by Golwalla.
3. A.P.I. Text Book of Medicine

Reference Books:

1. Harrison's Principles of Internal Medicine.
2. Oxford's Text Book of Medicine.

**Fourth BHMS
PRACTICE OF MEDICINE**

**THEORY - PAPER II
Code: BHMS-402**

PART-A

1. Diseases of Liver and Biliary Tract.
2. Haematological Diseases.
3. Diseases of Cardiovascular System.
4. Diseases Kidneys and Urinary Tract.
5. Diseases of water and Electrolyte Balance.

PART-B

1. Connective Tissue Disorders; Bones and Joints Disorders.
2. Skin Diseases.
3. Diseases of Central and Peripheral Nervous System.
4. Psychological Disorders.
5. Acute Emergencies Including Poisonings.
6. Paediatrics.

Text Books:

1. Davidson's Principles and Practice of Medicine.
2. Text Book of Medicine by Golwalla.
3. A.P.I. Text Book of Medicine

Reference Books:

1. Harrison's Principles of Internal Medicine.
2. Oxford's Text Book of Medicine.

**Fourth BHMS
PRACTICE OF MEDICINE**

**THEORY - PAPER III
Code: BHMS-403**

PART-A

Homoeopathic Therapeutics of Topics included in Paper-I

PART-B

Homoeopathic Therapeutics of Topics included in Paper-II

Books Recommended:

1. Homoeopathic Therapeutics by Samuel Lilienthal.
2. Practical Homoeopathic Therapeutics by W. A Dewey.

**Fourth BHMS
PRACTICE OF MEDICINE**

**PRACTICAL (INCLUDING ORAL)
Code: BHMS-451**

1. Systematic instructions in the principles and practice of medicine.
2. Fundamentals of case taking.
3. Elementary methods of clinical examination including physical signs, the use of the common instruments like stethoscope, etc.
4. Bedside training.
5. Adequate grasp over Diagnostics.
6. Adequate grasp over Management Principles.
7. Instructions in Homoeopathic therapeutics and prescribing.

Bed side examination shall be one long case and one short case with special reference to nosological and therapeutic diagnosis, through clinical examination, X-Ray and other diagnostic techniques. The case reports of the students carried out during the course shall also be considered for the oral examination.

Books Recommended:

1. Hutchinson's Clinical Methods.
2. Chamberlain's Symptoms and Signs in Clinical Medicine.

MODEL QUESTION PAPER

Roll No. of Candidate.....

Fourth BHMS – Annual Examination 2008 PRACTICE OF MEDICINE

Paper I Code: BHMS-401

Time: 3 Hours

Maximum Marks: 100

Write your Roll No. on top immediately on receipt of this question paper.
Question paper has two parts, A and B.
Attempt six questions in all (Three questions from each part).
Question No.1 from Part-A and Question No.5 from Part-B are compulsory and carry 10 marks each.
Rest of the questions carry 20 marks each.

PART-A

- Q.1 Write short notes on: 5X2=10
a. Pancreatic pseudocyst.
b. Kartagener's syndrome.
- Q.2 Discuss the causes of haemetemesis. Write clinical features and management of peptic ulcer. 20
- Q.3 Describe briefly: 10X2=20
a. Ulcerative colitis.
b. Bronchiectasis.
- Q.4 Classify pneumonia and discuss pneumocystis carinii pneumonia. 20

PART-B

- Q.5 Write short notes on: 5X2=10
a. Pheochromocytoma.
b. PEM.
- Q.6 Mention the endocrinological causes of weight gain and discuss Cushing's syndrome. 20
- Q.7 Discuss complications of Diabetes Mellitus. 20
- Q.8 Describe briefly: 10X2=20
a. Beri-beri.
b. Investigations in Auto-immune diseases.

MODEL QUESTION PAPER

Roll No. of Candidate.....

Fourth BHMS – Annual Examination 2008 PRACTICE OF MEDICINE

Paper II Code: BHMS-402

Time: 3 Hours

Maximum Marks: 100

Write your Roll No. on top immediately on receipt of this question paper.
Question paper has two parts, A and B.
Attempt six questions in all (Three questions from each part).
Question No.1 from Part-A and Question No.5 from Part-B are compulsory and carry 10 marks each.
Rest of the questions carry 20 marks each.

PART-A

- | | | |
|-----|--|---------|
| Q.1 | Discuss briefly thalassaemia. | 10 |
| Q.2 | Discuss causes, clinical features, complications and management of nephrotic syndrome. | 20 |
| Q.3 | Classify cardiomyopathy and discuss hypertrophic cardiomyopathy. | 20 |
| Q.4 | Discuss briefly: | 10X2=20 |
| | a. Clinical features and investigations of Hepatitis-B. | |
| | b. Discuss briefly infective endocarditis. | |

PART-B

- | | | |
|-----|---|---------|
| Q.5 | Discuss briefly S.L.E. | 10 |
| Q.6 | Write causes and clinical features of parkinson's diseases. | 20 |
| Q.7 | Write a note on: | 10X2=20 |
| | a. Cerebral Palsy. | |
| | b. Neonatal Jaundice. | |
| Q.8 | Discuss briefly: | 10X2=20 |
| | a. Lichen planus. | |
| | b. Urticaria. | |

MODEL QUESTION PAPER

Roll No. of Candidate.....

Fourth BHMS – Annual Examination 2008 PRACTICE OF MEDICINE

Paper III
Code: BHMS-403

Time: 3 Hours

Maximum Marks: 100

Write your Roll No. on top immediately on receipt of this question paper.
Question paper has two parts, A and B.
Attempt six questions in all (Three questions from each part).
Question No.1 from Part-A and Question No.5 from Part-B are compulsory and carry 10 marks each.
Rest of the questions carry 20 marks each.

PART-A

- Q.1 Give indications of following medicines in bronchitis: 10
Hepar sulph., Sanguinaria can., Stannum met., Spongia.
- Q.2 Discuss: 10X2=20
a. Indications of 2 medicines for pancreatitis.
b. Indications of following medicines in diabetes mellitus: Lactic acid and Lycopodium.
- Q.3 Write the indications of 4 medicines in thyroid disease. 20
- Q.4 Write indications of following medicines in haemoptysis: 5X4=20
a. Phosphorus.
b. Hamamelis.
c. Crotalus horridus.
d. Millifolium.

PART-B

- Q.5 Give indications of any 4 medicines for anaemia. 10
- Q.6 Write indications of following in cardiovascular disease: 5X4=20
a. Digitalis.
b. Crataegus.
c. Aurum met.
d. Baryta mur.
- Q.7 Discuss and differentiate following in cerebrovascular accidents: 5X4=20
a. Opium.
b. Arnica.
c. Gelsemium.
d. Causticum.
- Q.8 Write indications of: 10X2=20
a. Ars.iod., Lycopodium, Sepia in Psoriasis.
b. Bryonia, Pulsatilla, Kalmia, Lithium carb. In rheumatic fever.

**Fourth BHMS
HOMOEOPATHIC MATERIA MEDICA**

Lectures

Subject	Theoretical Lectures	Practicals / Clinicals / Tutorials
Homoeopathic Materia Medica	100 Hours	75 Hours

Examination

Subject	Written		Practical (including oral)		Total	
	Full Marks	Pass Marks	Full Marks	Pass Marks	Full Marks	Pass Marks
Homoeopathic Materia Medica	200	100	200	100	400	200

Instructions to Paper Setters

Time: 3 Hours Maximum Marks: 100
 Question paper has two parts, A and B.
 Attempt six questions in all (Three questions from each part).
 Question No.1 from Part-A and Question No.5 from Part-B are compulsory and carry 10 marks each.
 Rest of the questions carry 20 marks each.

PART-A
50 Marks

Q.1 10 Marks
 Q.2 20 Marks
 Q.3 20 Marks
 Q.4 20 Marks

PART-B
50 Marks

Q.5 10 Marks
 Q.6 20 Marks
 Q.7 20 Marks
 Q.8 20 Marks

**Fourth BHMS
HOMOEOPATHIC MATERIA MEDICA**

**THEORY - PAPER I
Code: BHMS-404**

PART-A

- | | |
|--------------------|-----------------------|
| 1. Abies can. | 2. Abies nig. |
| 3. Abroma augusta | 4. Abrotanum |
| 5. Acalypha indica | 6. Anthracinum |
| 7. Bacillinum | 8. Baryta mur. |
| 9. Bellis per. | 10. Calotropis indica |
| 11. Capsicum | 12. Carbo animalis |
| 13. Carboic acid | 14. Carica papaya |
| 15. Cassia sophera | 16. Caulophyllum |
| 17. Cedron | 18. Cicuta virosa |
| 19. Clematis | 20. Cocculus indica |

PART-B

- | | |
|-----------------------|---------------------|
| 21. Coffea cruda | 22. Collinsonia |
| 23. Condurango | 24. Corallium |
| 25. Crataegus | 26. Crocus sativus |
| 27. Eupatorium perf. | 28. Ficus religiosa |
| 29. Fluoric acid | 30. Glonoine |
| 31. Helonias | 32. Hydrastis can. |
| 33. Hydrocotyle as. | 34. Jonosia asoka |
| 35. Justicia adhotoda | 36. Lac can. |
| 37. Lac def. | 38. Liliium tig. |
| 39. Lithium carb. | 40. Lobelia inf. |

Books Recommended:

1. Homoeopathic Materia Medica by William Boericke.
2. Key Notes and Characteristics of the Materia Medica by H. C. Allen.
3. Homoeopathic Drug Picture by M. L. Tyler.
4. Lectures on Homoeopathic Materia Medica by J. T. Kent.
5. Physiological Materia Medica by Dr. Burt.
6. Clinical Materia Medica by E. A. Farrington.
7. Dictionary of Clinical Materia Medica by Clarke.

**Fourth BHMS
HOMOEOPATHIC MATERIA MEDICA**

**THEORY - PAPER II
Code: BHMS-405**

PART-A

- | | |
|-----------------------|--------------------------|
| 41. Lyssin | 42. Magnesia carb. |
| 43. Magnesia mur. | 44. Medorrhinum |
| 45. Melilotus | 46. Mephitis |
| 47. Mercurius cynatus | 48. Mercurius dulcis |
| 49. Mezereum | 50. Mellifolium |
| 51. Ocimum sanct. | 52. Psorinum |
| 53. Pyrogenum | 54. Radium bromide |
| 55. Ranunculus bulb. | 56. Raphanus |
| 57. Rathania | 58. Rauwolfia serpentina |
| 59. Rheum | 60. Rhododendron |

PART-B

- | | |
|-------------------------|-----------------------|
| 61. Rumex | 62. Ruta grav. |
| 63. Sabadilla | 64. Sabal serulata |
| 65. Sabina | 66. Sambucus |
| 67. Sanguinaria | 68. Sanicula |
| 69. Sarsaparilla | 70. Spigelia |
| 71. Squilla | 72. Stannum met. |
| 73. Syzygium jambolanum | 74. Trillium pendulum |
| 75. Urtica urens | 76. Vaccinum |
| 77. Variolinum | 78. Veratrum viride |
| 79. Vibrinum opulus | 80. Vinca minor |
| 81. Vipera | |

Books Recommended:

1. Homoeopathic Materia Medica by William Boericke.
2. Key Notes and Characteristics of the Materia Medica by H. C. Allen.
3. Homoeopathic Drug Picture by M. L. Tyler.
4. Lectures on Homoeopathic Materia Medica by J. T. Kent.
5. Physiological Materia Medica by Dr. Burt.
6. Clinical Materia Medica by E. A. Farrington.
7. Dictionary of Clinical Materia Medica by Clarke.

**Fourth BHMS
HOMOEOPATHIC MATERIA MEDICA**

**PRACTICAL (INCLUDING ORAL)
Code: BHMS-452**

1. Application of materia medica from cases in the outdoor and hospital wards.
2. Comparative materia medica and therapeutics of the syllabus.

Bed side examination shall be one long case and one short case with special reference to their nosological and therapeutic diagnosis, and from homoeopathic point of view. The case reports of the students carried out during the course shall also be considered for the oral examination.

Books Recommended:

1. Homoeopathic Materia Medica by William Boericke.
2. Key Notes and Characteristics of the Materia Medica by H. C. Allen.
3. Homoeopathic Drug Picture by M. L. Tyler.
4. Lectures on Homoeopathic Materia Medica by J. T. Kent.
5. Physiological Materia Medica by Dr. Burt.
6. Clinical Materia Medica by E. A. Farrington.
7. Dictionary of Clinical Materia Medica by Clarke.
8. Case Taking and Repertorization by R. P. Patel

MODEL QUESTION PAPER

Roll No. of Candidate.....

Fourth BHMS – Annual Examination 2008 HOMOEOPATHIC MATERIA MEDICA

Paper-I Code: BHMS-404

Time: 3 Hours

Maximum Marks: 100

Write your Roll No. on top immediately on receipt of this question paper.

Question paper has two parts, A and B.

Attempt six questions in all (Three questions from each part).

Question No.1 from Part-A and Question No.5 from Part-B are compulsory and carry 10 marks each.

Rest of the questions carry 20 marks each.

PART-A

- Q.1 Give pen picture of *Cocculus indicus*. 10
- Q.2 Give indications of following drugs: 5X4=20
- Baryta mur.* in hypertension.
 - Bellis per.* in injuries.
 - Acalypha indica* in haemorrhage.
 - Abies nigra* in cardiac complaints.
- Q.3 Give indications of following drugs in skin complaints: 5X4=20
- Anthracinum*
 - Bacillinum*
 - Carbo animalis*
 - Clematis*
- Q.4 Give indications of: 5X4=20
- Abrotanum* for marasmus.
 - Cassia sophera* for asthma.
 - Cedron* for headache.
 - Cicuta virosa* for convulsions.

PART-B

- Q.5 Give pen picture of *Lilium tig.* 10
- Q.6 Give indications of following drugs in respiratory complaints: 5X4=20
- Corallium*
 - Justicia*
 - Lobelia*
 - Hydrastis*
- Q.7 Compare the following: 5X4=20
- Hydrastis* and *Condurango* in GIT complaints.
 - Helonias* and *Janosia asoka* in female disorders.
 - Crocus sativus* and *Ficus religiosa* in haemorrhages.
 - Lilium tig.* and *Crataegus* in cardiac complaints.
- Q.8 Give indications of following: 5X4=20
- Lithium carb.* in rheumatic complaints.
 - Eupatorium perf.* in fever.
 - Lac. can.* in sore throat.
 - Glonoine* in sun stroke.

MODEL QUESTION PAPER

Roll No. of Candidate.....

Fourth BHMS – Annual Examination 2008 HOMOEOPATHIC MATERIA MEDICA

Paper-II Code: BHMS-405

Time: 3 Hours

Maximum Marks: 100

Write your Roll No. on top immediately on receipt of this question paper.

Question paper has two parts, A and B.

Attempt six questions in all (Three questions from each part).

Question No.1 from Part-A and Question No.5 from Part-B are compulsory and carry 10 marks each.

Rest of the questions carry 20 marks each.

PART-A

- Q.1 Give pen picture of Medorrhinum. 10
- Q.2 Give indications of following drugs: 5X4=20
- Magnesia mur. in constipation.
 - Merc. dulcis in otitis media.
 - Ratanhia in anal fissures.
 - Rauwolfia in hypertension.
- Q.3 Give indications of following drugs in skin complaints: 5X4=20
- Mezereum
 - Radium brom.
 - Psorinum
 - Ranunculus bulb.
- Q.4 Give indications of following: 5X4=20
- Rheum in complaints related to children.
 - Raphanus in GIT complaints.
 - Mephitis in respiratory complaints.
 - Melilotus in haemorrhages.

PART-B

- Q.5 Give pen picture of Spigelia. 10
- Q.6 Give indications of following drugs in respiratory complaints: 5X4=20
- Sanguinaria can.
 - Rumex
 - Squilla
 - Stannum met.
- Q.7 Compare the following: 5X4=20
- Sabina and Trillium in haemorrhages.
 - Urtica urens and Ruta in rheumatic complaints.
 - Sabadilla and Sambucus in nasal complaints.
 - Sanguinaria can. and Spigelia in headache.
- Q.8 Give indications of following drugs in female complaints: 5X4=20
- Sabina
 - Trillium
 - Vipera
 - Viburnum opulus

**Fourth BHMS
ORGANON OF MEDICINE**

Lectures

Subject	Theoretical Lectures	Practicals / Clinicals / Tutorials
Organon of Medicine	100 Hours	75 Hours

Examination

Subject	Written		Practical (including oral)		Total	
	Full Marks	Pass Marks	Full Marks	Pass Marks	Full Marks	Pass Marks
Organon of Medicine	200	100	100	50	300	150

Instructions to Paper Setters

Time: 3 Hours Maximum Marks: 100

Question paper has two parts, A and B.

Attempt six questions in all (Three questions from each part).

Question No.1 from Part-A and Question No.5 from Part-B are compulsory and carry 10 marks each.

Rest of the questions carry 20 marks each.

PART-A

50 Marks

Q.1	10 Marks
Q.2	20 Marks
Q.3	20 Marks
Q.4	20 Marks

PART-B

50 Marks

Q.5	10 Marks
Q.6	20 Marks
Q.7	20 Marks
Q.8	20 Marks

**Fourth BHMS
ORGANON OF MEDICINE**

**THEORY - PAPER I
Code: BHMS-406**

PART-A

1. History of Medicine.
2. History of Homoeopathy, its spread to different countries.
3. Life and living environment.
4. Concepts of health and factors modifying it.
5. Concept of disease and totality of symptoms.
6. Scope and limitations of different modes of employing medicines in disease; Antipathy, Allopathy and Homoeopathy.
7. Prophylaxis.
8. Scope and limitations of Homoeopathy.

PART-B

1. Concept of susceptibility and vital reaction.
2. Concepts of Drug, Medicine and Remedy.
3. Concept of Cure, Disease, and Drug relationship.
4. Various methods of classification and evaluations of symptoms common and characteristic; general and particular.
5. Concepts of incurable disease, suppression and palliation.
6. Remedy response, prognosis after administration of a remedy.
7. Principles and criteria for repetition and selection of potency.

Books Recommended:

1. Principles and Practice of Homoeopathy by M. L. Dhawle.
2. Spirit of Organon; Parts I, II, III by Tapan Mandal.
3. Organon of Medicine by Samuel Hahnemann with commentary by B. K. Sarkar.
4. Chronic Diseases by S. K. Banerjee.
5. History of Medicine by D. D. Banerjee.

**Fourth BHMS
ORGANON OF MEDICINE**

**THEORY - PAPER II
Code: BHMS-407**

PART-A

1. Kent's lectures.
2. Stuart Close's Philosophy

PART-B

1. Roberts Philosophy.
2. Case taking at bedside.

Text Books:

1. Lectures on Homoeopathic Philosophy by J. T. Kent.
2. Genius of Homoeopathy by Stuart Close.
3. Principles and Art of Cure of Homoeopathy by H. Robert.

Reference Books:

1. Science of Homoeopathy by Vithoukaskas.
2. Organon of Medicine by Robin Murphy.

Fourth BHMS ORGANON OF MEDICINE

PRACTICAL (INCLUDING ORAL) Code: BHMS-453

Here the focus is on applied aspect of Organon and Philosophy. Maximum emphasis shall be given on practice oriented teaching of Organon and Philosophy.

Case analysis, evaluation and synthesis takes into account the application of entire ORGANON from Aphorism 1 to 294 and all principles of Philosophy as illustrated in I, II, III BHMS.

More emphasis to be given on case taking, case analysis, evolution, posology miasmatic diagnosis, potency selection and repetition of doses, second prescription, diet, regimen and other pressures with principle of management during OPD and IPD visits, so that the students can have the practical knowledge of the treatment and management of the patient.

Purpose of the Homoeopathic Case Taking is not merely collecting the symptoms but comprehending the person in wider dimensions, with correct appreciation of the causes for the illness. The adequacy in Case Taking and Physical examination should be judged from the following angle:

- To carry out successful individualization of the case and to conclude about state of the susceptibility.
- Finding out a simillimum with correct potency and doses.
- Prescribing proper diet to the patient.
- Advising the management of the case.
- The pathology and homoeopathic prognosis.

Books Recommended:

1. Principles and Practice of Homoeopathy by M. L. Dhawle.
2. Spirit of Organon; Parts I, II, III by Tapan Mandal.
3. Organon of Medicine by Samuel Hahnemann with commentary by B. K. Sarkar.
4. Chronic Diseases by S. K. Banerjee.
5. Lectures on Homoeopathic Philosophy by J. T. Kent.
6. Genius of Homoeopathy by Stuart Close.
7. Principles and Art of Cure of Homoeopathy by H. Robert.

MODEL QUESTION PAPER

Roll No. of Candidate.....

Fourth BHMS – Annual Examination 2008 ORGANON OF MEDICINE

Paper-I Code: BHMS-406

Time: 3 Hours

Maximum Marks: 100

Write your Roll No. on top immediately on receipt of this question paper.
Question paper has two parts, A and B.
Attempt six questions in all (Three questions from each part).
Question No.1 from Part-A and Question No.5 from Part-B are compulsory and carry 10 marks each.
Rest of the questions carry 20 marks each.

PART-A

- | | | |
|-----|---|----|
| Q.1 | Discuss the relevance of the study of Preventive and Social Medicine in Homoeopathy. | 10 |
| Q.2 | 'Totality of Symptoms is the homoeopathic essence of the disease'. Explain. | 20 |
| Q.3 | Discuss the scope and limitations of homoeopathy. | 20 |
| Q.4 | What are the different systems of medicine described in Organon of Medicine. Compare allopathy and homoeopathy. | 20 |

PART-B

- | | | |
|-----|--|--------|
| Q.5 | What do you understand by remedy relationship? | 10 |
| Q.6 | What is 'Therapeutic Law of Nature'? What doctrines of homoeopathic cure are incorporated in it? | 20 |
| Q.7 | Explain suppression on the basis of susceptibility. | 20 |
| Q.8 | Write short notes on: | 5X4=20 |
| | a. Allergy. | |
| | b. Specific medicine. | |
| | c. Individualization. | |
| | d. Hering's Law of Cure. | |

MODEL QUESTION PAPER

Roll No. of Candidate.....

Fourth BHMS – Annual Examination 2008 ORGANON OF MEDICINE

Paper-II
Code: BHMS-407

Time: 3 Hours

Maximum Marks: 100

Write your Roll No. on top immediately on receipt of this question paper.
Question paper has two parts, A and B.
Attempt six questions in all (Three questions from each part).
Question No.1 from Part-A and Question No.5 from Part-B are compulsory and carry 10 marks each.
Rest of the questions carry 20 marks each.

PART-A

- Q.1 Enumerate the various schools of philosophy according to Stuart Close. 10
- Q.2 'Homoeopathy is a logic system of medicine'. Justify. 20
- Q.3 Removal of totality of symptoms means removal of disease. Explain. 20
- Q.4 Write short notes on: 5X4=20
- a. Unprejudiced observer.
 - b. Indisposition.
 - c. Idiosyncrasy.
 - d. Drug potential.

PART-B

- Q.5 Enumerate the various 'temperaments' according to Roberts. 10
- Q.6 Why are diseases not classified on the basis of aetiology / microbes in homoeopathy? 20
- Q.7 'A well taken case is half cured'. Discuss. 20
- Q.8 Write short notes on: 5X4=20
- a. Fundamental laws of homoeopathy.
 - b. Dose.
 - c. Second prescription.
 - d. Evaluation of symptoms.

Fourth BHMS CASE TAKING AND REPERTORY

Lectures

Subject	Theoretical Lectures	Practicals / Clinicals / Tutorials
Case Taking and Repertory	125 Hours	150 Hours

Examination

Subject	Written		Practical (including oral)		Total	
	Full Marks	Pass Marks	Full Marks	Pass Marks	Full Marks	Pass Marks
Case Taking and Repertory	100	50	100	50	200	100

Instructions to Paper Setters

Time: 3 Hours Maximum Marks: 100

Question paper has two parts, A and B.

Attempt six questions in all (Three questions from each part).

Question No.1 from Part-A and Question No.5 from Part-B are compulsory and carry 10 marks each.

Rest of the questions carry 20 marks each.

PART-A

50 Marks

Q.1	10 Marks
Q.2	20 Marks
Q.3	20 Marks
Q.4	20 Marks

PART-B

50 Marks

Q.5	10 Marks
Q.6	20 Marks
Q.7	20 Marks
Q.8	20 Marks

**Fourth BHMS
CASE TAKING AND REPERTORY**

**THEORY
Code: BHMS-408**

**PART-A
(Case Taking)**

1. Difficulties of taking a chronic case.
2. Recording of cases and usefulness of record keeping.
3. Totality of symptoms, prescribing symptoms; uncommon peculiar and characteristic symptoms.
4. Analysis of the case uncommon and common symptoms.
5. Gradation and evaluation of symptoms.
6. Importance of mental symptoms.
7. Kinds and sources of general symptoms.
8. Concomitant symptoms.
9. Logic of Repertory (is delivered from Organon of Medicine as such Repertory should not be taught in isolation). Due emphasis should be made to:
 - a. Learning the language of repertory i.e. meaning of rubrics is correlation with Materia Medica and clinical experiences.
 - b. Correlation of Repertory with Therapeutics and Materia Medica.

**PART-B
(Repertory)**

1. History and development of repertories till date.
2. Types of repertories.
3. Explanation of terminologies used in various repertories.
4. Boenninghausen's therapeutic pocket book and Boger Boenninghausen's repertory.
5. Kent's repertory.
6. Introduction to card repertory.
7. Specific regional repertories ALLEN'S FEVER, BELL'S DIARRHOEA with their comparison.
8. Brief introduction to puritan group of repertory as Knerr, Gentry, Robert in respect of their clinic use.
9. Introduction to Computer Repertorization.

Text Books:

1. Repertory of the Homoeopathic Materia Medica by Dr. J. T. Kent.
2. Boenninghausen's Therapeutic Pocket Book by Dr. T. F. Allen.
3. Boenninghausen's Characteristics and Repertory by Dr. C. M. Boger.

Reference Books:

1. Evolution of Repertories by Dr. Jugal Kishore.
2. Essentials of Repertorization by Dr. S. K. Tiwari.
3. The Art of Case Taking and Repertorization by Dr. R. P. Patel.
4. Organon of Medicine, 5th Edition by Dr. Samuel Hahnemann.

**Fourth BHMS
CASE TAKING AND REPERTORY**

**PRACTICAL (INCLUDING ORAL)
Code: BHMS-454**

Students shall repertories:

- 10 acute cases on Kent.
- 5 chronic cases on Kent.
- 5 chronic cases on Boenninghausen.
- 5 chronic cases on Boger-Boenninghausen.
- 5 cases to be cross checked on computer.

The practical examination shall consist of the homoeopathic principles on case taking of one long case and one short case and the methods of arriving the reportorial totality, through case analysis and actual repertorisation. The skill of finding rubrics from Kent and Boenninghausen Repertories, the case reports of the students carried out during the course shall be considered for the oral examination.

Text Books:

1. Repertory of the Homoeopathic Materia Medica by Dr. J. T. Kent.
2. Boenninghausen's Therapeutic Pocket Book by Dr. T. F. Allen.
3. Boenninghausen's Characteristics and Repertory by Dr. C. M. Boger.

Reference Books:

1. Evolution of Repertories by Dr. Jugal Kishore.
2. Essentials of Repertorization by Dr. S. K. Tiwari.
3. The Art of Case Taking and Repertorization by Dr. R. P. Patel.
4. Organon of Medicine, 5th Edition by Dr. Samuel Hahnemann.

MODEL QUESTION PAPER

Roll No. of Candidate.....

Fourth BHMS – Annual Examination 2008 CASE TAKING AND REPERTORY

Code: BHMS-408

Time: 3 Hours

Maximum Marks: 100

Write your Roll No. on top immediately on receipt of this question paper.
Question paper has two parts, A and B.
Attempt six questions in all (Three questions from each part).
Question No.1 from Part-A and Question No.5 from Part-B are compulsory and carry 10 marks each.
Rest of the questions carry 20 marks each.

PART-A

- | | | |
|-----|--|----|
| Q.1 | Describe in detail the difficulties in case taking of a chronic case. | 10 |
| Q.2 | Explain Hahnemann's concept of totality of symptoms. How does prescribing on characteristic symptoms differ from prescribing on totality of symptoms? What is role of totality of symptoms in repertorization? | 20 |
| Q.3 | What do you mean by Repertory? What is the relation between materia medica and repertory? | 20 |
| Q.4 | What do you mean by gradation of symptoms and remedies? Give reasons for grading symptoms and remedies in repertories. | 20 |

PART-B

- | | | |
|-----|---|----|
| Q.5 | Mention the scope and limitations of repertory. | 10 |
| Q.6 | What are the philosophy and plan of Boenninghausen's therapeutic pocket book? Discuss how this can be used for second prescription? | 20 |
| Q.7 | What are the different varieties of repertories in use? Give the limitation of each type. | 20 |
| Q.8 | Give evolution of Kent's repertory with emphasis on the gradation of medicines. | 20 |

**Fourth BHMS
COMMUNITY MEDICINE
(including Health Education and Family Medicine)**

Lectures

Subject	Theoretical Lectures	Practicals / Clinicals / Tutorials
Community Medicine (including Health Education and Family Medicine)	100 Hours	100 Hours

Examination

Subject	Written		Practical (including oral)		Total	
	Full Marks	Pass Marks	Full Marks	Pass Marks	Full Marks	Pass Marks
Community Medicine (including Health Education and Family Medicine)	100	50	100	50	200	100

Instructions to Paper Setters

Time: 3 Hours	Maximum Marks: 100
Question paper has two parts, A and B. Attempt six questions in all (Three questions from each part). Question No.1 from Part-A and Question No.5 from Part-B are compulsory and carry 10 marks each. Rest of the questions carry 20 marks each.	
<u>PART-A</u> 50 Marks	
Q.1	10 Marks
Q.2	20 Marks
Q.3	20 Marks
Q.4	20 Marks
<u>PART-B</u> 50 Marks	
Q.5	10 Marks
Q.6	20 Marks
Q.7	20 Marks
Q.8	20 Marks

**Fourth BHMS
COMMUNITY MEDICINE
(including Health Education and Family Medicine)**

**THEORY
Code: BHMS-409**

PART-A

1. Introduction to preventive and social medicine concept. Man and society: aim and scope of preventive and social medicine, social causes of disease and social problems or the sick, relation of economic factors and environment in health and disease.
2. Physiological hygiene:
 - a. Food and nutrition: food in relation to health and disease. Balanced diets. Nutritional deficiencies and nutritional survey. Food processing, pasteurization of milk. Adulteration of food and food inspection, Food poisoning.
 - b. Air, light and sunshine.
 - c. Effect of climate: humidity, temperature, pressure and other meteorological conditions; comfort zone, effect of overcrowding.
 - d. Personal hygiene: (Cleanliness, rest, sleep, work). Physical exercise and training. Care of health in tropics.
3. Environmental sanitation:
 - a. Definition and importance.
 - b. Atmospheric pollution: purification of air, air sterilization, air borne diseases.
 - c. Water supplies: sources and uses, impurities and purification. Public water supplies in urban and rural areas. Standards of drinking water, water borne diseases.
 - d. Conservancy: Methods in villages, towns and cities, septic tanks, dry earth latrines-water closets, Disposal of sewage, disposal of the deceased, disposal of refuse incineration.
 - e. Sanitation of fairs and festivals.
 - f. Disinfection: disinfectants, deodorants, antiseptics, germicides. Methods of disinfection and sterilization.
 - g. Insects: insecticides and disinfection-insects in relation to disease. Insect control.
 - h. Protozoal and helminthic diseases Life cycle of protozoan and helminths, their prevention.

PART-B

1. Medical Statistics:

Principles and elements of vital statistics.

Preventive Medicine:

- a. General principles of prevention and control of communicable diseases: Plague, Cholera, Small Pox Diphtheria, Leprosy, Tuberculosis, Malaria, Kala-Azar, Filariasis, Common viral diseases, e.g. Common Cold Measles, Chicken Pox, Poliomyelitis, Infective Hepatitis, Helminthic infections, Enteric fever, dysenteries and also animal diseases transmissible to man. Their description and methods of preventive spread by contact, by droplet infection by environmental vehicles, (water, soil food insects, animals, founderies), prophylaxis and vaccination.
- b. General principles of prevention and control of non-communicable diseases e.g. obesity, hypertension etc.

Natural history of diseases.

2. Maternal and Child Health, school health services, health education, mental hygiene-elementary principles; school medicine its aim and methods.
3. Family Planning - Demography, channels of communication, National family planning programme, knowledge, attitudes regarding contraceptive practices. Population and growth control.
4. Public health administration and international health relation.
5. Homoeopathic concept of prophylaxis, vaccination, immunology and personal hygiene.

Books Recommended:

1. Text Book of Preventive and Social Medicine by K. Park.
2. Short Text Book of Preventive and Social Medicine by G. N. Prabhakara.
3. Text Book of Preventive and Social Medicine by M. C. Gupta, B. K. Mahajan.
4. Hand Book of Social and Preventive Medicine by Yash Pal Bedi.

**Fourth BHMS
COMMUNITY MEDICINE
(including Health Education and Family Medicine)**

**PRACTICAL (INCLUDING ORAL)
Code: BHMS-455**

1. Syllabus same as for theory paper.
2. Field demonstrations: water purification plant, infectious diseases hospitals, etc.
3. Spotting and identification of specimens.
4. Matters related to community oriented problems.

Books Recommended:

1. Text Book of Preventive and Social Medicine by K. Park.
2. Short Text Book of Preventive and Social Medicine by G. N. Prabhakara.
3. Text Book of Preventive and Social Medicine by M. C. Gupta, B. K. Mahajan.
4. Hand Book of Social and Preventive Medicine by Yash Pal Bedi.

MODEL QUESTION PAPER

Roll No. of Candidate.....

Fourth BHMS – Annual Examination 2008 COMMUNITY MEDICINE (including Health Education and Family Medicine)

Code: BHMS-409

Time: 3 Hours

Maximum Marks: 100

Write your Roll No. on top immediately on receipt of this question paper.
Question paper has two parts, A and B.
Attempt six questions in all (Three questions from each part).
Question No.1 from Part-A and Question No.5 from Part-B are compulsory and carry 10 marks each.
Rest of the questions carry 20 marks each.

PART-A

- Q.1 Define health. What are its different dimensions? 10
- Q.2 Define air pollution. What are common pollutants in the air? What are the harmful effects it produces on the health of man? 20
- Q.3 Write short notes on: 10X2=20
- a. Vitamin A deficiency.
 - b. Goitre.
- Q.4 Write short notes on: 5X4=20
- a. Disinfection.
 - b. Insecticides.
 - c. Ascariasis.
 - d. Septic tank.

PART-B

- Q.5 What do you understand by natural history of diseases? Explain it in relation to an infectious disease. 10
- Q.6 Explain the epidemiology, clinical features and control measures of Diphtheria. 20
- Q.7 Write short notes on: 5X4=20
- a. Universal Immunization Programme.
 - b. Antenatal Care.
 - c. CuT.
 - d. Rapid Sand Filter.
- Q.8 Describe briefly: 5X4=20
- a. DOTS
 - b. Prevention of hypertension.
 - c. Mean, median and average.
 - d. Filariasis.