SYLLABUS

CENTRAL COUNCIL OF BIOCHEMIC AND COMPLEX HOMOEO MEDICINE WITH RESEARCH IN INDIA.

Website : Nbcbio.in <> NCT Group Regd. by Govt. of West Bengal.

College : I

SRABANI BAGCHI BIOCHEMIC MEDICAL SCIENCE AND BARASAT CITY INSTITUTE, KOLKATA - 700124.

Course : D.M.B.S. (KOL) 3 years & 6m.

College : II

NIJAMUDDIN BIOCHEMIC AND COMPLEX HOMOEO MEDICAL COLLEGE & HOSPITAL.

SYLLABUS

For 1st Year D.M.B.S. Course

The Syllabus Prepared by Dr. Manju Poddar. D.M.S, M.D. (Hom.), And Medical Scientist Dr. TK Bagchi, (M.D. Biochemistry USA). and Central Council of Bio-chemic Committee.

ADMISSION OPEN: R.M.P./ D.M.B.S. / B.M.B.S./ M.D. (KOL).

DMBS 1st year.

- 1. ANATOMY
- 2. PHYSIOLOGY
- 3. BIOCHEMISTRY PART- I
- 4. BIOCHEMIC ORGANON
- 5. BIOCHEMIC MATERIA MEDICA PART - I
- 7. COMPLEX PHARMACY
- 8. COMPLEX MATERIA MEDICA PART - I

DMBS 2nd year.

- 1. ANATOMY
- 2. PHYSIOLOGY
- 3. PATHOLOGY
- 4. PRACTICE OF MEDICINE PART- I
- 5. BIOCHEMISTRY PART – II
- 6. BIOCHEMIC MATERIA MEDICA PART- II
- 7. COMPLEX MATERIA MEDICA PART- II

DMBS 3rd year.

- 1. PRACTICE OF MEDICINE PART- II
- 2. SURGERY
- 3. MEDICAL JURISPRUDECE AND TEXOCOLOGY
- 4. GYNAECOLOGY AND OBSTETRICS
- 5. BIOCHEMIC MATERIA MEDICA PART - III
- 6.COMPLEX MATERIA MEDICA PART- III

- R.M.P. SYLLABUS : SAME DMBS 1st year. Main Subject : 1) BIOCHEMIC ORGANON, OR EXPERIENCE MARK 2) BIOCHEMIC MATERIA MEDICA, 3) COMPLEX MATERIA MEDICA,

  ADDITIONAL : BASIS BIOCHEMISTRY, BASIC ANATOMY AND PHYSIOLOGY.

ANATOMY : (THEORETICAL PART FOR DMBS 1st Year).

Anatomy:

A. **The structure** of **the Human** Body **and Introduction**: **a**) **The Oganism b) The** Organism and its **Components c) The** Tissue and Cell, **d) The Organs** e) The **System** of **Organs** and **apparatus Relationship** of **the** Organs.

B. The form of **the Humanbody**. C Anatomical Terminology.

2. Osteology :

A. General Description of **the bone (Human body):** a) Bone is **an** Organ **b)** The development of the bune **c)** Classification of the **bones** d) **Counts** of the bone. B. The **Skeleton** of **the Trunk, C. The Vertebral** Column

Individual types of vertebrae. General Characteristics of **different vertebrad** with **their** differentiation**.**

D. **Ribs** and **stemum,** B. **The Thorax, F.** The Clavicle **Bones, G** Bones of **the Upper** and Lower Extremity F. Sesamoid Bones,

3. Syndesmology: (for admission: 9564412063)

A. **General description of articulation** , **A.** Classification of joints, C. **Aniculation and joints** a) Astivalation of the **tank,** b**)** Anticulation of the **allus with** the epistropheus oraxis **Articulation** of vertibral **column will** the **cranium,** d) Articulation of the membrane, e) Articulation of the costovertibrac, Articulation of the manubrium and body of the sternum Articulation of the vertibral column with the pelvis, h) Humanual Articulation of Shoulder joint , 1) Cubitral Articulation of Elbow joint, j) **Rndio** carpal joints or wrist joint, 1) Hip Joint 1) Knee Joint m) Ankle Joint Sphanchnology:

4. Digestive System :

a) The Oral (Mouth) Cavity b) The Palate c) The Salivary Glands d) The Teeth e) The Tongue () The Faces g) The palatine h) The Pharynx i) The Oesophagus Ther Abdomen k) The Peritoneum 1) The Stomach m) The Small intestine) The large intestine o Humerous) The liver

5. Respiratory System a) The Nasal Cavity b) The Larynx c) The Trachea and Bronchi dy The pleurace) The mediastinal cavity f) The lungs.

6. Upogenital System or Apparatus**:** a) The Kidneys b) The Uretersc) The Urinary bladder d) The Male Urethtra e) The Female Urethra

7. Male Genital Organs: a) The Covering of the Testis b) The Testis c) The Sparmatic Cord d) The ductus deference e) Vaveculis Skiminulis and Ejaculatory ducts f) the penis g) The Prostate glands h) The bulbourethral glands

8. The Female Genital Organs: a) The Overies b) The Uterine Tubes e) The Uterus d) The Vagina e) The External Organs D) Mammae

Surface Markings & Surface of the Anatomy: a) The Face b) The Nose c) The **Mouth** d) The Ear e)The Eye The Back The Thorax h) The Abdomen) The Peritonium j) Upper and Lower Extremity.

(PRACTICAL PART ANATOMY 1ST YEAR.)

C 1. - A. Micro-Anatomy (Histology), Compound microscope, Cell **division**. Tissues Epithelial Connectivel Muscular., C 2 - B. Bones- Indication, Position, Articulation by the artifical Bones or dry skeleton and Human's Bones., Regular attendance at the practical classes at the demonestration by a batch tenstudents in respect of each part may be respect of each part may be recorded as actual Bone in the Human Body, D. A Course of practical demonstrations on surface **making** by the articial structural.

Important Viscera b) Bones : The theoretical part in **Anatomy** shall be distributed as follows,

PHYSIOLOGY (FOR 1ST YEAR D.M.B.S Theoretical Part). (for admission: 9564412063)

A course of systematic lectures in the general principals and facts A), **physiology** B) Histology:

a. Cell: a) Epithelial Tissue by Connective Tissue, c) Muscular Tissue, d) Nervous Tissue,

2. The Elementary Composition of the "Human **Body**", The Enzymes - a) Protein b) Fat c) Carbo-Hydrate, 3.. Bio-Physical & its Units (Sheet Description), a) **Filtation** b) Diffusion c) Osmosis d) Ultra Filtration e) Absorption () Hydrotrophy.,

4. **Blood**: a) Defination and type of Blood Cells, b) Functions and Composition of Blood Cell. c) Coagulation of Blood, d) Volume and Regulation of **Blood**. e) Composition, Function and Total Count of W.B.C. & R.B.C. 1) **Plasma** protein **and** Relation of Blood, g) Blood Group and different types of Blood Groups. h) Development of Blood Cells, 1) Blood platelets, their Developmet and Function. J) Blood Transfucssion. k) Haemoglobin- Formation and Functions.

5. Cardio Vascular **System**:

a) Cardiac **Cycle**. b) Heart **sounds and** Rane **4)** Moment of the Heart and **Cardiac outpul, d)** Blood Pressure- Measurement and recording **of** Blood Pressure, **e)** Special functional **Tissue of Heart** Pulse**. F)** Nomial Characters, B) Circulation **of** -i) Coronary **ii**) **Cerchral ii) Pulmonary iv) Hepatic v) Renal vi)** Foetal.

6. Respiratory **System:**

A. Histological Structure and function of the Respiratory **Organs**: **a)** Nose **b) Pharynx clarynx** d) Trachea c**) Bronchi** f)Air Passage **Tube** g**) lungs** 1) Basic machanson of Respiration: **u)** The Function **of Respiration b) Artificial** Respiration and its **mechod, c) Pulmonary Volume, d) Gases Exchange during** Respiration, e) Air**-Tidal**, Complemental, Supplemental **and** Residial, **D) Vital Capacity, g)** Asphyxia, **h)** Tissue **Respiration, VIL Digestive** System:

7. Histological structure **and** function of **Deigestive** System**:**

a) Oral Cavity b**)** Salivery **Glands c) Pharynx** d)Oesophagus e**)** Stomach Intestine**-Small& Large g**) Rectum and Anal-Canal., Digestive **Juice** (Composition and Function**);** a) Saliva b**) Gastric c) Pancreation** d) Succus entericus **e) Bike (Origin and** Character **of** gastric juice **g)** Machanism of **the** pancreas **and bile**

Sanction Junction of **Liver i)** Mechanisms **of Digus** -- **Paristalsis** and defuncation **j) Small** and Large **Intestinal movement**., C. Digestion **of Food** Staff**: a) Carbohydrate** b) Protein **c) Liquid,** D. Absorption:

8. Vitamines:

a) **General** Characteristics **of Vitamines., b)** Classification **and** Function **of** the Vitamines., **c)** Sources of **the Vitamines**., **d)** Deficiency Signs of the **Vitamines, e)** Affection **of** Hypervitaminosis., Fat and Water soluble of the **Vitamincs**. Diet: **a)** Metabolism **and Nutrition**.

PRACTICALPART : 1st year.

Identification **of** histological **Specimen** of Tissues**,** Cell **and Organs Bone, Cartilage**, **Fibrots** Tissue**,** Cellular **Tissue**, Veins, Arteries, **Liver**, Lungs, **Heart, appendix**, **Fallopian Tubes**, Lymph **Glands**, Spleen, **Kidneys**. Preparations and staining **of Blood** film. Total **and** differential count **of** Blood Cell. Histology, Blood and **Lymph**, Cardiovascular System**,** Reticulo **Endothelial** System, Spleen, **Respiratory** System, **Urinary** System**,** Skin, Regulation of **Body, Temperature, Sense Organs, Nerve-** Muscle, Physiology.

Candidates are required to passes a **general** and working **knowledge** of positive **physiology facts** and **established** theories to the exclusion of tentative **and controverial hypothesis regarding them**. The **whole 1st year** indication of **the** syllabus of physiology **is** in be **taught** from the stand **point** of description of **the Vital** phenuineria.

BIOCHEMISTRY (D.M.B.S. 1st year Theory) (for admission: 9564412063)

Introduction: A. How to study and scope of Biochemistry in the Biochemic system.

B) Introductory lectures- 10 lectures, 1) What is Bio-Chemic and Bio-Chemistry? 2) What are the theory of reatment in Bio Chemic Organon? 3). History of the development of the Bio-chemic 4). What is Vital force and its **action**? 5) General Biochemistry with Medico-legal aspects: 6)**.** What are the Organic and In-organic substance in **Bio**-Chemic **Organon**?

7). What is miasm and its classification, 8) What are the Basic principal of the Bio-Chemic System? 9) Biophysical-cell, 10) Tissue, 11) Acidity, 12) Alkalinity, 13) Deffusion, 14) Osmosis, 15) Absorptions Exer-cise., 16) Aspects of Physical and Organic Chemistry, 17) Carbohydrates. 18) Lipides, 19) Proteine, 20) Amino Acid, 21) regulation of PH of Blood and body fluids, 22) Hemoglobin prophyrins & Bile pigments. 23) Enzymes Vitamins., 24) The Chemistry of Respiration:

25) Digestion and absorption from the gastic intestinal tract., 26) Metabolism of Carbohydrate, Lipids, Fat and Protein., 27) Detoxication mechanisms or metabolism of Foreign Composition. 28) Water and Electrocycle balance.

Bio-chemic Organon of Medicine for DMBS 1st year.

1. Introductory lecture – 10 lecture.
2. What is Bio-chemic & Biochemistry.
3. What are the theory of treatment bio-chemic organon system.
4. What is vital force and its action.
5. What is miasm and its classification.
6. What are the basis Principal of Bio-chemic System.

7. It is not merely a Special form of therapeutics but a complete system of medicine (with this Distinct holistic, Individualistic and dynamictic approach to life, Health, Discase, Remedy Cure and recovery, Discuss Throughly.
8. AAM of Physician and highest idel cure in Bio-Chemic System.
9. Knowledge of disease, Health, Medicines.
10. Knowledge of symptoms.
11. Value of Symptoms **and** Sympotometology, Point of View in Bio-Chemic System.
12. Evaluation of Bio-Chemic methods **from** methods of Treatment.
13. The necessary to be known in order to cure the diseases and case taking method.
14. The pathogenitic powers of medicine.
15. Drug proving or how to acquire knowledge of medicine.
16. How to choise the right medicine and legal dose.
17. Diet-regimen and the modes of employing medicine.
18. Distinctive essential features of he dynamic pharmacology (Proving) and pharmacy Bio-chemic.
19. D.M.B.S Course from Dt. TK. Bagchi's Organon Laws I to 21 are to be read for 1st year D.M.B.S. Course

BIOCHEMIC PHILOSOPHY FOR 1ST **YEAR** D.M.B.S. (FOR ADMISSION: 9564412063)

1. Introductory lectures- 10 lectures.
2. Schuesslar's lectures on Bio-Chemic Philosophy.
3. Schuessler, the world famous inventor of Bio-Chemic System of Medicine established the fact by the research work through out his life.
4. Lectures and eassy on Bio-Chemic Philosophy.,
5. Art of cure by the Bio-Chemie Philosophy.
6. Lectures on science of the therputics Dr. B.N. Saraswati (Dr. Tk. Bagchi). Bio-chemic medicines and its philosophy.
7. Application of the Materia Medics should be demonstrated from cases the outdoor and Hospital wards.
8. The Scope of Bio-Chemie Medicines.
9. History of the Twelve Tissue Remedies.
10. Theory of the Twelve Tissue Remedies.,
11. The logic of Bio-Chemic Medicines.
12. Constituents of Human Organism.
13. Its holistic individualistic and dynamistic approach to life, health, diseases Remedy and cure. Tissue Building.
14. Inorganic Constituents of Cells.
15. Formation of Tissue Cells.
16. Health and disease.
17. Dose and Quantity.
18. Succeptebility Indisposition Reaction and Immunity.
19. General pathotogy of Bio-Chemic Theory of Acute and Chronic Miasm,
20. Prepared, potential, potentisation, contesimal does and drugs with largs and complex disease.

21. Selection, treatment and conclusion of the Bio-Chemic and Complex to all the principal of the pre-clinical, Clinical and para-clinical subjects.
22. Examination of the patient and application of the principal of the Bio- Chemic and Complex medicine for the purpose of cure of health.
23. Prognosis, Aggravation palliation and prescription of the Bio-Chemic and Complex System of Medicine.
24. Different between Bio-Chemic and Homoeopathy Philosophy.

BIOCHEMIC MATERIA MEDICA FOR 1ST YEAR D.M.B.S (FOR ADMISSION: 9564412063)

Introductory Lectures: The story of the Biochemic Materia Medica should be included the following:

1. Bio-chemic Materia Medica is differently constructed as Compared to other Materia Medica.
2. Nature and Scope of Biochemic Materia Medica.
3. Sources of Biochemic Materia Medica and action of the drug on individual parts on system of the body.
4. Different ways of studing the Materia Medica.
5. Common Name, Natural Order, Habitat and preparation of the drugs.
6. Sources of the drug proving.
7. Symptomatology of the Drugs-Characteristic symptoms, constitutional and mobilityes,
8. Table-Amount of Inorganic Substances in the Blood.
9. Table- Amount of Inorganic Substances of Milk.
10. Preparation and dose.,
11. Schuesslers own procedure and his life History.
12. Minimum of dose.
13. Relation Bio-chemic and Homoeopathy Treatment.
14. Table-Tissue salts as constituents of the provide Remedies from Vegetable Kingdom.
15. Table- Prominent Symptoms of Tissue Salts.
16. Numbering of the Tissue Salts - There Indication of the salt Common name, synonyms, Simple

COMPLEX SYSTEM OF MATERIA MEDICA FOR **1ST** YEAR D.M.B.S.

1. Redline Symptoms.
2. Gist symptom & Complex Medicine.
3. Treatment with Tabs & Liquid

1) Acidine Complex. 2) Acid Phos Complex, 3). Aconite Complex, 4). Aesculus Complex, 5). Amica Complex, 6). Aletaris Complex, 7). Argentum Nit, 8). Arun-Complex, 9). Bapti-Complex, 10). Baryta Complex, 11). Basilinum Complex, 12). Bell Complex, 13). Berb, Complex, 14). Cact Complex, 15). Calad Complex, 16). Cal. E. Complex, 17). Cascana Complex, 18) Caulof Complex, 19). Cham. Complex, 20), Cuprum complex.

COMPLEX PHARMACY & PHARMACOLOGY : FOR **1ST** YEAR D.M.B.S. (For admission: 9564412063)

Theoretical Part:

1. Introduction - Pharmacopoeia Bio-chemic & Combination remedy. theoreutical pharmacy **and** pharmacopoeia.
2. Pharmacy, Pharmacopoeia Pharmacology, An ideal laboratory of a Bio-chemic and Homoco Complex remedy, **Tin**... theraphy, Medicine, Drug. Remedy, **Cure**, Recovery.
3. Utensils, Equipments Bio-chemic and Combination Remedy Pharmaceutical Instrument and applications.
4. Weights and measures Bio-chemic, Combination Remedy and its Remedical Laboratory methods.
5. Sources of the Bio-chemic, Bio-combination and Tincture theraphy.
6. Preparation, Slanderisation process of collection of drug substances, Identification, Purification, Preservation, Dynamisation, Potentisation ada also preservation of Potentised drug.
7. Vehicles - Their preparation, purification and uses, Determination of proof strength of alcohol.
8. Method and preparation of drugs from Organic, In organic, Chemical, Vegetables, Animal and animal Products, Disease Products (nosodes) etc.
9. Schuessler's classical modern methods and Complex methods with **tinture** therapy **including** merits and demerits.
10. Preparation of the complex methods (Bio-chemic & Bio-complex) with preservation and dispensing of medicines.
11. External applications- its scope-modes of preparation and using methods.
12. Study of the complex mother **tincture** and fluxion protency.
13. Study of the standard drugs and vehicles.
14. Prescription- Abbreviations. Notations principal and mode of prescription writing and vitality.
15. General knowledge of legislation in relation to Bio-chemic & Bio- Complex, Pharmacy.
16. Study of Biological Mechanical Chemical Characteristics of some important drugs substances.
17. Study of the posology.
18. Knowledge of pharmacy that help to increase the knowledge in Materia Medica.

Practical Part:

1. Indentification and used of Bio-chemic- Bio-complex, Tincture and triturated pharmaceutical instruments and applicances and their cleaning.
2. Identification of important Bio-chemic, Bio-Complex drugs (vide list attached).
3. Identification of Genuinity of distilled water. **Alcohol**, Dispensing alcohol, sugar of milk.
4. Identification of globules to the classes.
5. Preparation and Identification external medicine le. Ointment, Liniment. Lotion, Glycorole.
6. Microscopic- Bio-chemic Medicine at least, Bio-Complex Medicine at least, Mother Tincture Medicine at least Homoeo-Complex Medicine at least, Trituration Medicine at least, With their drugs substances.
7. Conversion of Trituration. Tablets and liquid forward.
8. Potentisation.
9. Laboratory Methods- Sublimation, Distillation, Determination, Filtration, Crystallization and percolation.

ANATOMY : FOR 2ND YEAR D.M.B.S. (Theoretical part) : (for admission: 9564412063)

ANGIOLOGY:

1. Outlines of circulation of Blood**.,** Structures of Arteries, Veins, Capillaries, Thorusic Artery, Pericardium, Heart Foetal and Cardiac Circulation., Arteries Head and Neck., Common Carotid Artery, External Carotid Artery., Internal Carotid Arteries of the Brain., Arterties of the upper extremities subclavian artery, Amillary artery Bronchial artery, Cahital artery., Arteries of the Trunk., Thorasic Aorta, abdominal Aorta, Commoniliac artery., External Iliac Artery., Arteries of the Lower Extremities., Femoral Artery, Femoral sheath, Abductor canal, Femoral Triangle., Poplital Fossa, Poplital artery., Arteriod Titeial Arter., Amteria dorsalis, pedise Braches,

VEINS:

1. Pulmonary, Heart, Head and Neck, Face, Brain, Upper Extrimities and thorasic (Dupanil superficial), Vertbral Column Lower Extremity, Abdomen and Pelvis, **Vesical** Plexgn, Vaginal plexus Inferior venacova, Superior Venacova, Portal system of vein.

LYMPHATIC SYSTEM :

1. Lympatic Vessel, Lymphatic Glands Lympatic duct, Right lymphatic duct Lympatic glands of the Head and Neck Lympatic Vessel of the Head and Neck Lympatic glands of the upper Extrimity., Lamphatic Vessel of the Upper Extremity., Lamphatic vessel of the lower Extrimity., Lamphatic glands and vessel of the Abdomen pelvis,, Parital lymph of glands and vessel., Visceral lymph of glands and vessel., Lamphatic vessels of the sub. diphragatic portion of the digestive tube., Lamphatic system of the spleen, suprarenal gland., Lamphatic vessels of the Lirinary system., Lamphatic vessels of the Reroductiove system., Lamph glands and vessels of the thorax., Parietal lymph glands and vessels., Lymphatic vessels of the **thorax**,, Lamphatic vessels of the thorasic wall **and** viscera.

NEUROLOGY : General description of the nervous system.

Structure and Function of the periferal nervous and gangila., The medula spinalis, A short description of the Brain., The menings and medula spinulis cranial., Nervous, Spinal Nerves, Sympathetic Nervous system., The Organ of the sences and common integument.

MYOLOGY :

General description of muscles, Tendons Aponcrosis Fascicle muscles cies of the Scalp Yelids, Muscles of Nose, Mouth, Lateral Vertebral Column muscles. Arterior Muscles, Muscles of the thorax, Abdomen, Pelvis, Perinium and oral region. Muscles of the upper and lower Extrimity.

EMBRYOLOGY:

Ovum, Maturation of the Ovum Fertilisation of Ovum, Spermatorrhoe Formation of Embryo and different stages of its growth.

Practical Part:

1. A Course of discussion of the Human Body.
2. Arrangements should be made to have discussion parts for the students.
3. Parts should be allotted to student and the discussion of parts shall be recorded as complete.
4. The period of at least 4 months.
5. A course of practical demonstration on surface marking of Important viscera, Arteries, Nervous vains, Regions of Clinical importance of the Brain, Bony hand - **marks**.
6. The written papers in Anatomy shall be distributed as follows:
   Upper Extremity, Head, Face, Neck and Brain.
   Paper-II Lower Extremity. Thorax, Abdomen and polvics. (For admission: 9564412063)

PHYSIOLOGY : FOR 2ND YEAR D.M.B.S Theory Part:

1. Excretion: Kidney: Histological structure and Function Histology and Function of Nephron and Renal Tubulers,
2. Renal Circulation:, Peculiarities of Renal Circulation. Normal Renal Blood Flow.
3. Urine: Volume, Characteristic, Composition, Factors-Affecting formation of Urine, Reaction of Urine, Glycosuria, Factors, Controlin Volume of Urine, Nerve Supply of Bladder on Urethra, Mechanism of Micturition & Mechanism of felling Bladder.
4. Cutaneous System: Histological structure and function of the skin, glands in the skin, pigmentation of the skin.
5. Sweat glands: Structure, Function and Composition, Mechanism of the Sweating, Secretion, Temparature: Normal Teparature of the Body. Factors affecting of the body Temparature Regulation of the Body Temparature.
6. Endocrines System: Introduction of the Endocrinology. Hormone Their sources and Function., GH. or S.TH, TSH, A.O.TH, GTH, LR, FSH, or A.C.SH., Protectine, Hypotropin, Pitocine, Vesoprassin. Thyroid.
7. The glands: Structure and Function, Insuline, Glucagon. Regulation of Blood, **Sugar** Level, diabetis melitis
8. Adrenal Cortex : Structure, Function and active principal
9. Nerves System.. Introduction of the Neurology, Classification, Central of Somatic Nerves System, Subdivission of Nerves System.
10. The Special Senses; Introduction: Taste- Nerves of Tastes, affectory Nerves Sence of Small Structure and functions of different part of eye-ball, vision formation of ratinal image. Mechanism of accomodation common errors of refraction. Hecaring - Structure and Functions of External middle and internal care.
11. Gonads and Reproductive System: Male Reproductive Organs Testis, Supermatozoa, Female Reproductive Organs, Overy and its function, Mammary glands and its function. Uterus and its Function. Ovulation,, Fertilisation, Implantation, **Control** of Ovulation puberty, Androgen, Ostragen, Function, Progestaron Function Relasis, Mensturation- Mechanism, Pluses **and** Cycle
12. Pregnancy: Birth Control and Contraception, Ductless glands in connection with Re-production Function of the corpus luleum, Daily diet churt and required foods and calforios.

Practical Part:

Identification of histological specimens of tissues and organs, Bones, Cartilage, Fibrous Tissue, Cellular Tissue, Veins Arteries, Liver, Lings, Appendix, Fallopian tube, Cons section of spinal nerve, Lymph glands spleem, Kdney Preparation and staining of blood films total and differential count of blood cells. Use of the haemoglobin nometes and Sphygmomanometer, Demonstration of some experiments in connection with nerve muscle physiology, Chemical examination of common normal and abnormal ingredients of Urine.

PATHOLOGY : FOR 2ND YEAR D.M.B.S. COURSE. Theoretical Part: (For admission: 9564412063)

1. General Pathology-**How** to study **and scope** of the Pathology in Bio-chemic System of Medicine.
2. Health: Disease - Defination, Classification and Etiology, Clinical manifestition and specialtissues suppuration of the Inflammation.
3. Disturbances of the Circulation: **Fever**, edema, Hyperaemia, Hypertrophy, Hyperplasia, Thrombosis, Embolism, Infection, Infarction, Jaundice, Necrosis, Gangrene.
4. Changes of Degenerative Tissue: Atrophy, Mucoid, Hyaline, Amyloid, Albumin and Fatty degeneration. Changes of the Proliforative Tissue: Tumours-Defination, Classification, Etilogy, Fibroma, Myoma, Lipoma Osteoma, Chondroma, Lymphoma, Malignant-Tumours, Cancers, Sarcoma, Cysts **and** Infective Granulomata
5. Immunity: Defination, Classification Immunity of Natural, **Acquired**, Active and Passive, Vinus and Vaccination.
6. Special pathology : Diseases of the Blood - Anaemu, pernicious Anaemia, Adplastic Anemin, Chlorosis and Leukaemia.
7. Diseases of the conculatory system- Pericardities, **Endocarditis**, Aorditis, Arteries, Sclerosis, Diseases of the Respiratory System- Bronchitis Asthma. Preuonia. Tuberculosis..
8. Disease of the kidney and Urinary system- Haemoglobinuria, Chylurin, Cystitis, Nephritis.
9. Descases of the Alimentary Treat- Peptic Ulcer, Cholera**,** Amoebic Dysentry. Bacillary Dysentry. Meningits, Cirrhosis of the Liver. Beriberi. Epidemic Dropsy

10. BACTERIOLOGY: The morphology, Biology and pathogenic qualities of the following: Bacillus Anthracis, Corynebacterium, Diphtheria, Clostridium, Tetani, Gonococcus. Meningescoccus Mycobacterium. Tuberculosis, Mycobacterium Laprae, **Mantoux** Test, Dict Test, Sohick Test, Pneumicoccus, Streptococcus, Staphylococci, Shigella group of bacillus. Salmonella Typhi, Treponema Pallidum, Tubercle, Escharichia Coli, Vibrio Cholerac.

11. PARASITOLOGY : The morphology, Biology and pathogenic qualities of the following: Anculostoma, Ascaris Lumbricoides, E-Histolytica and E-Coli, Entrobius. Histolytic, Entamoeba Vermicularis, Echinococcus granulossus, **Giardia** Intestinalis, Leishmania denovoni, **Malaria**, Necator amoricanus, Trichuria, Taenia Saginata, Tacnea solium, Wuchereria Banor Off, Difference between T. Saginata and T. Solium.

12. VIRUSES: Smallpox, Chicken pox, Measles, Common Cold, Actue Anterior Polyo- myolitics, Influenza, Herpes-Zoster, Encephalitis, Lethergy, Epidemic, Infective Hepatitis. Primary Atypical pneumonia.

Practical Part:

Demonstration of histopathologial studies of Tissues, Organs **and** microscope pathogenic Organisms of each Collection, preparation **and** Examination of **morbid** materials following as: Acid- Fast staining, Doremus Ureometer, Esbach's Albinometer E.S.R. Tube, Gram's Staining method, Manocytometer. Haemoglobinometer, Lumber Puncture Needle, Leishmans Staining, Stornal Puncture Needle, Staining methods, Blood, Urine, Pus, Sputum **and** Exceedates Test Urinemeter, Widle reaction Test, Pathological slides.

PRACTICE OF MEDICINE FOR 2ND YEAR D.M.B.S. Theoretical Part:

1. Introductory lecture or study & scope of practice of medicine in Biochemic System of Medicine,
2. Blood and infections diseases: Anaemia, Chlorosis, Progressive, Pernicious Anaemia
3. Infection Diseases: Scarlet, Remittent, Kala-Aar, Typhoid, Yellow, Dangue Fever. Measles, Mumps, Influenza, Beriberi, Dropsy and Worms Infection.
4. Diseases of the Heart: Palpitation of the Heart, **Tachycardia**, Bradycardia, Acute Pericardities, **Acute** Endocardits, Acute Myocarditis
5. Diseases **of** the Digestive Organs (system): Acute Glossitis, Stomatitis, Gastritis, Dyspepsia, Diarrhoea, Constipation, Vomiting. Cholera, Dsyentry, Colitis, Peritonitis, Toothache, Piles, Haemorrhoids.
6. Diseases of the Liver: Hepatities. Jaundice, Abscess of the Liver.
7. Diseases of the pancreas and Spleen: Acuite pancreatitis, Spleitis, Splenalgia,
8. Diseases of the Urinary (Organs) Sestem:
9. Urinary tract infection. Albuminuria, Phosphoturia, Pyuria. Anuria. Urethritis, Cysttis, Urobilin Inttaematuria,
10. Diseases of the Brain and Nervous System: Meningitis, Headache, Vertigo, Tetanus, Paralysis, Spasm, Convulsion, Neuritis.
11. Diseases of the Eye: Meningitis, Headache, Vertigo, Tetanus, Paralysis, Spasm, Convulsion, Neuritis.
12. Diseases of the Eye: Conjunctivitis, Opthalmia.
13. Diseases **of** the Ear **:** Otitis, Otorrhaea, Mastoiditis.
14. Diseases of the Nose: Rhinitis.
15. Diseases of the Genital : Spermatorrhoea, Hydrocele, Postritis, Orchitis Impotence

Practical Part:

1. Infectious Diseases. Disorder of the **Endocrine** System.
2. Disenses of the Metabolism Defeciency.
3. Diseases of the Digestive, Resperatory System. Blood Diseases, Urinary
4. Diseases in the Theoretical, Tropical Diseases take the case, Lower of Biochemic and Complex remedy.
5.

BIOCHEMISTRY : FOR **2ND** YEAR D.M.B.S

(For admission: 9564412063)

1. Formation and composition of urine.
2. Blood Digestion & Respriatory.
3. System Assessment of liver function.
4. Energy
5. Metabolism or calorimetry,
6. Nutrition.
7. Hormones.
8. Toxicants in Food.
9. Blood.
10. Lymph
11. Cerebro-Spinal fluid.
12. Growth factor of carcinoma.

BIOCHEMIC MATERIA MEDICA : FOR 2nd YEAR D.M.B.S

1. Symptoms of the Twelve Tissue remedies: Constitutional, Characteristic, Common, Uncommon, Less Common and Modalities..
2. Name of the remedies: Common Name, Chemical Name. Simple Name **and** Name of the Abriviation.
3. Data: Chemical Date, Physiologico-Chemical Data, Bio-chemic **data**,
4. Different of the Bio-chemic and Homoeopathic data.
5. Preparation of the Tissue remedies.
6. General action and reaction of the Tissue remedies.
7. Characturistic indications of the remedies.
8. Administration of the remedies.
9. Administration of the remedies.
10. Administration of the remedies.
11. Relationship of the Twelve Tissue remedies : 1) Calcarea Fluorica, 2) **Calcarca** Phosphorica, 3) Calcarea Sulphurica, 4) Ferrum Phosphoricum, 5) Kali Muriaticum, 6). Kali Phosphorica, 7). Kali Sulphuricum, 8). Magnesia Phosphorica. 9). Natrum Muriatiocum, 10). Natrum Phosphorica 11). Natrum Sulphuricum, 12) Silicea.

COMPLEX MATERIA MEDICA FOR 2ND YEAR **D.M.B.S**

A. Redline Symptoms., B. Treat: Tabs+Liquid + Capsult.

1. Chloral Complex 2 China Complex 3 Chin-Sulph-Complex. 4. Cocculus Complex 5. Crataegas Complex 6. Dolichos Complex, 7. Drosera Complex 8. Echin Complex 9. Eupetoporium Complex, 10. Eosino Complex 11. Febrol. 12. Filaria Complex 13. Euphobia Complex 14. Gels. 15, Glono Complex 16. Hama Complex 17. Helonias Complex 18. Hydroco Complex 19. Hype. Complex 20. Ipe. Complex

PRACTICE OF MEDICINE FOR 3RD YEAR D.M.B.S Theorytical Part:

1. Blood and Infectious diseases- Blood Diseases-Pernicious, Anaemia, Leukaemia, Sepsis,
2. Infectous diseases: Small pox. Chicken Pox, Pertussis, Diptheria, rysipelas Tetanus, Tuberculosis, Infantile Paralysis, Plague.
3. Diseases of the Heart**:** Acute Endocarditis, Stenosis of the artery. Angina-Pectoris, Blood Pressure, Coronary Thrombosis,
4. Diseases of the Respiratory System: Asthma, Pneumo-Throax, Hydro-Thorax, Pulmonary, Tuberculosis, Emphysenia**,** Heomo-Thorax
5. Diseases of the Digestive System; Gastrocolial Peptic Ulcer, Gastric Ulcer. Cancer of the stomach, Heamatemesis, Intestinal Obstruction, Duodenal Ulcer, Pyloric Stenosis, Appendicitis, Hernia Fistula.
6. Diseases of the Liver: Chlorosis of the Liver, Cancer of the Liver, Gall-Stone, Colic, Hepatitis.
7. Diseases of the Urinary Systems: Chyluria, Lithuria, Nephritis, Renal Colic (Stone) Haematuria, Renal Hypermia, Stricture, Diabetes, Malitus, Retention of the Urine. Diseases of the Brain and Nervous System. Hydrocephalus, Hysteria, Apoplexy, Epilepsy, Neuralgia.
8. Diseases of the Eye Cataract. Diseases of hte Ear: Otalgia, Otitis, Polypus, Parotitis, Leprosy.
9. Diseases of the Nose : Nasal Polypus.
10. Diseases of the Skin: Carbuncle, Eczema, Leprosy, Obesity, Psorasis. Diseases of the Genital System: Gonorrhoea, Syphillis, Aids.

Practical Part :

Diseases of the Infection, Digestive, Respitory, Urinary, Blood, Nervous, Teubercular. **Tropical** Diseases. Urinary, Gall Calculari, Take the case- Bio-chemic and Complex Drug.

SURGERY FOR 3RD YEAR D.M.B.S. (for admission: 9564412063).

1. How to study and what is the scope of the Surgery in Bio-chemic system of medicine.

General Surgery, Surgical procedures., Examination of the patient, Aseptic, **Antiseptic**, Sterilization, Preparation of the operation and their treatments. Inflamation, Infection, Superation Bacteriology of surgical diseases, Immunity., Specific and Non Specific., Injury. Confusions, Wounds, Haemorrhege, Shock. Collapse, Burns and Scalds. Ulceration and Gangrene., Common Tumours & Cysts., Injures of Bones, **Fracture** and Dislocations, Diseases of the joints, especially Hip-joints.

2. Regional Surgery : Injuries and diseases of the **Brain**, Face Oralcavity, Tuberchular and others. Cancer of the tongue and Tubercular, **gland**, anlarge, **Salivery**, Thyroid **and** parathyroid

3. **Diseases** of the Infections: Cellulitis, Carbuncle, Conjuctivitis, Abscess, Pleura-Lungs, Oedema Mastoidities, Otitis, Emphysema.
4. Diseases of the Breast: Mastitis, Carcinoma and memary absces.
5. Diseases of the Liver : Cholecystitis, (Gall Stones) Cholelithiasis, Abscess, Cirrhosis and Cancer.

6. Diseases of the Intestinal tract and abdomen: Perotonitis, Pelvic abscesss, peptic ulcer, Dudenal Ulcer, Gastric Ulcer, Gastric Cancer, Hernia-Onguinal **and** Stramgulated Obstructive Hernia Intestinal Obstruction, Cllic, Pecforation, appendicitis.
7. Diseases of the Rectum : Haemorrhoids, Ulcers, Dropsy, Fistula and Carcinoma of the Rectum.
8. Diseases of the Urinary Tract: Renal Calculus, Rupture and Stone in the Bindder, Injuries and Fructure of the Urethra, Hydrocate and Vericocels.
9. **Diseases** of the Eye: Conjunctivities, Iris, Glucona, Cataract.
10. Diseases of the Respiratiry System: Nose, Larynx Tonsile, Lames Infection and Malegnant growth. Diptheria, Tuberculosis etc.
11. Infection of the neck, Growth of Goitre-Thyrodectomy (For admission : 9564412063.)

Practical Part :

Ten practical demonstration in operative surgery. Inflammation, Specific and Non-Specific infections. General Surgery, Surgical procedures., Examination of the patient, Aseptic, **Antiseptic**, Sterilization, Preparation of the operation and their treatments. Inflamation, Infection, Superation Bacteriology of surgical diseases, Immunity., Specific and Non Specific., Injury. Shock, Burns, Ulcer and Gangrene. Diseases of the Nerves, Muscles, Tendons and bursa, Diseases of the Lymph, Vascular System including spleen Management of the Tumour, Cysts and Injuries, Head **neck** Surgery including Surgery of **Thyroid**, Bracts and Congenital Anomalies. Abdominal Surgery including gastro-intestinal System, Bone **and** joint Surgery. Injuries and disease of Spine. Deformities of limbs & Thorax Surgery. Venereal and Dental diseases, Scope of Surgery in Bio-chemic and group) remedy.

MEDICAL JURISPRUDENCE AND **TOXICOLOGY FOR 3RD YEAR D.M.B.S**

Introduction:

1. Introductory lecture of the medical jurisprudence, Legal procedure in Criminal Courts. Procedure of the Courts and their jurisdiction. Structure of Criminal Courts to India Power and duties of Coroner.

Identification:

2. Definition, Medico Legal aspects procedure and data required. Death and its Medicoa-Legal Aspects. Definition, Mode of death, Course of death, Signs of death, Post Mortem Examination (**Autopsy**). Definition, Objects, General rules, Preventions, Opinion as to causes of death, preservation of Viscera, Examination of the Decane posed bodies.

Injuries:

3. Bruises or Contusions, Wounds, Thermal injuries-Burns and Scalds.
4. Death of Asphyxia : Hanging Strangulation, Suffocation, Drowing, Traumatic.
5. Sexual Offences : Rape, Bestiality.
6. Importance and Sterility : Virginity Pregnacy and delivery. Abortion, Infanticide.
7. Forensic Medicine: State Medicine or Medical jurisprudence Toxiology.
8. Corrosive-Poisons **Nitric Acid**, Sulphuric Acid, Hydrocholoric Acid, Carbolic Acid. Irritant Poisons: Arsenic, Copper Lead, Snakes

9. Neurotics Poison: Atropa Belladona, Cannabis Indica, Dhatura, Senicidal, **Nux**-Vomica, Pathedine, Acconite, Opium.

Practical Part :

Weapons, Organic **and** inorganic Poisonous substances Poisonous plants, Charts, Diagrams, Models, X-Ray films etc. Of medicolegal interrest. Finding **the** different positions.

GYNAECLOGY & OBSTERRICS FOR 3RD YEAR D.M.B.S.

1. Introducory lecture on the Gynaecology and obstetrics.
2. How to study and scope of the study.

GYNAECOLOGY : (For admission : 9564412063)

1. Anatomical structure of the Female Genital Organs.
2. Examination of the Gynaecological case.
3. General Etilogy of the Gynaecological diseases.
4. Phisiological and Endrocrinelogical study of puberty, Minstruation and Monopause.
5. Menstrual Anomilies : Amenorrhoea, Dysmonerrhoea, Menorrhagia, Metrorrhagia, Polymenarrhoea, Leucorrhoea. Diseases of the External Genital Organs Vulvitis, Bartholintis: Ulcer of Valve, Pruritus.
6. Veneral Diseases: Syphilis and Gonorrhoea,
7. Diseases of the Vagina: Vaginitis, Tumours of Vagina.
8. Diseases of the Cervix**:** Carvicitis, Erosion of the Carvix, Cervix of the Ploypus, Cancer of the Cervix.
9. Diseases of the Uterus: Inflamation of the Uterus, Sterility, Uterus Prolapse, Cancer of the Uterus, Uterenepolypus
10. Diseases of the **Fallopion** Tube: Salpingitis, Malfamation of the fallopian tube
11. Diseases of the Overy**:** Overitis Overian Cysts and Tumour
12. **Diseases** of the Overy: Overitis Overian Cysts and Tumour
13. Diseases of the Pelvic: Plvic Peritonitis, Pelvic abssess, Pelvic Cellulitis.
14. Disease of the Memaryglands: Mastritis, Tumours, Cancer of the Mamaryglands, Stirility.
15. Gynaecological Operation: D and B (Dilatation and Curetac). Dand E (Dilatation and Evacuation**)**.

Practical Part : Training and Examination of the Gynaecological Case Operation. Family Planning. Uses of the Instruments. D & C.D&E, General Etilogy of the Gynaecological diseases., Phisiological and Endrocrinelogical study of puberty, Minstruation and Monopause., Menstrual Anomilies : Amenorrhoea, Dysmonerrhoea, Menorrhagia, Metrorrhagia, Polymenarrhoea, Leucorrhoea. Diseases of the External Genital Organs Vulvitis, Bartholintis: Ulcer of Valve, Pruritus

OBSTETRICS : 3rd year theory:

1. General obstetrics: Puberty, ovulation, Menstrution, Normal Pregnancy Amnion, Cyesis Ocediddxa**,** Placenta Umbilical cord, Foetal Circulation and general physiology.

2. Abnormal pregnancy : Toxaemia of pregnancy, Hyperconesis gravidarum, Eclampsia, Preeclampsia and toxi cemia. Accidental Haemorrhages:
3. Antinatal Haomarrahage. I, II, III Trimester- Etopic Pregnancy. Gestation, Tubal Hydratidigomanole, Aberration, False Pregnancy, Trimester Placcenta. Hydrumneous and diseases associated with pregnancy, normal pregnancy and its treatment.
4. Normal Labour : States of Labour, Anatomy and Physiology of Labour, Mechanism of normal Labour.
5. Abnormal presentation : Breech, Multiple pregnacy, Postmartum and Uterine Haemoarhage.
6. Puerperium: Physiology puerperium, Management of puerparium, Disorders of Puerparium.
7. New Born Child: Breast feeding, artificial feeding. Premature Infants, obstetrics injuris, Disease of the New born inhjures, Disease and death of Foetus, Asphyxial death of Foetus.

Practical Part: Obstetrics, New Born, Infent, Mother during, Pregnancy to Purperium their Hygine and Management with Biochemic and Complex Therapeutics., Abnormal presentation, Breech, Multiple pregnacy, Postmartum and Uterine Haemoarhage., Puerperium: Physiology puerperium, Management of puerparium, Disorders of Puerparium., New Born Child: Breast feeding, artificial feeding. Premature Infants, obstetrics injury.

BIOCHEMIC MATERIA MEDICA For 3rd year D.M.B.S.

1. Therapeutical application of the Twelve **Tissue** remedies.
2. Indication and clinical cases of Remedies.
3. Comparative of the Twelve Tissue remedies.
4. Combination of the Twelve Tissue remedies.
5. Repartory on Pathologycal, Anatomical **and** Physiological Basis of the Twelve Tissue Remedies.

COMPLEX SYSTEM OF METERIA MEDICA, FINAL YEAR D.M.B.S. (For admission : 9564412063).

a)- Redline Symptoms, b) Gist Symptoms. C) Treat: Tabs + Caps + Inj**. Liq**. D), Manft: Extract (Complex) Drugs, Complex Homoeo Injection. E) Manft: Biochemic Complex Drugs, Posology. Dressing with Complex Medicine.

a) Kreosot complex. b) Lach. complex. c) Sulp. complex d) Thuja complex. e) Ledum complex f) Mere-bin-lod complex g) Marcurious complex. h) N.U, complex. i) Passi, complex j) Pepsi complex. K) Phytolacca complex. l) Pulsatilla complex m) R.T. complex. n) Santo complex o) Senega complex p) Stannum complex q) Uraniu-Nit complex. r) Idon complex s) Earduas complex. t) Carcinocina complex u) AIDS (HIV) complex.

HYGIENE: Preventive & Social Medicine For 3rd Year D.M.B.S.

1. Define of Preventive Medicine.
2. Balance Diet.
3. Vitamins.
4. Air & Ventilation.
5. Water.

6. Personal Hygiene. (For admission : 9564412063)
7. Milk Disposal of Refuse.
8. Mela & Fair.
9. Study of Hygiene.
10. School Sanitation.
11. Rural Sanitation.
12. Infectious Disease.
13. E.S.I.
14. Family Planning.

Best Books writer :

Medical Scientist Prof. Dr. TK Bagchi. (M.D. on Biochemistry).

1. Bio-chemic organon of Medicine.
2. Bio-chemic Materia Medica
3. Practice of Medicine.
4. Complex Materia Medica.
5. Complex Pharmacy & Pharmacology
6. Theory of treatment.
7. Medical Jurisprudence of India.
8. Bio-chemic Repertory,

Prof. Dr. Nargis Mistri. (M.D. on Biochemistry).

1. The Knowledge of Biochemistry. (For Medical & Paramedical).
2. The note of Anatomy and Physiology.
3. From Biochemistry to Bio-chemic remedies.

Prof. Dr. Md Nijamuddin Mondal (M.D. on Complex Medicine).

1. Druto Arogga Sangmissran Homoeo (Bangali).
2. The Complex Medicine Prescriber.
3. Clinical treatment of Bio-complex theory.

Prof. Dr. Nargis Mistri, Prof. Dr. Md N. Mondal & Prof. M. Rahaman. B.H.M.S. (KOL).

1. The Exam Notes for Medical & Paramedical.