

- 15.2 Mesmerism.
- 15.3 Hypnotism.
- 15.4 Conception of mind and health.
- 15.5 Group, Family, Relaxation, behaviour therapy
- 15.6 Psychological aspects of pain

N.B. 4 (four) question from group-A and 1 (one) question from group -B must be answered.

Note Book & Case study

Note Book must be maintained by the student and signed with remarks of the teacher and that submitted along with the Progress Card during Examinations for evaluation by the examiners.

Field work -The Case study must be submitted during examinations and evaluated by examiners.

SURGERY

A. Subject aims:

The aim of this subject is to provide community to provide community oriented & community need based education, so as to produce young doctors who will be able to:

1. diagnose & manage the common problems prevalent in the Bangladesh;
2. manage common surgical emergencies;
3. undertake the responsibility of management in common casualties or natural calamities.
4. identify the surgical problems requiring referral to the appropriate specialists; and

5. proceed to undergo higher education.

B. Course objectives:

At the end of the learning the various aspects of organon of medicine the students be able to-

1. Understand and appreciate the homoeopathic system of treatment.
2. Understand and correlate with the other subjects taught in the pre-clinical and also in para-clinical and clinical courses.
3. Perform, understand & interpret the homoeopathic system of treatment.

C. Course composition and teaching hours:

The course will be offered in the classes of year 5th of the 5 year BHMS course.

(a). Theoretical lectures.....	190 hours.
(b). Clinical practice in the attached teaching Hospitals (indoor& OPD).	110 hours.
(c) Seminars/discussion session.....	50 hours.
	350 hours

D. Evaluation in the Final Professional BHMS examination:

Marks in the final professional examination in surgery will be distributed as follows:

Theory(MCQ-25%+SAQ- 75%).....	200 marks
(Two papers-100+100marks)	
Clinical/Practical	200 marks
(a) Long case (One)	40 marks
(b) Short case (Two)..	30 marks
(c) Instruments	40 marks
(d) Specimens	10 marks
(e) X-Ray	10 marks
(f) Splint, Bandage.....	10 marks
(g) Viva.....	50 marks
(h) 10 case history/Notebook..	10 marks.
	400 marks

SURGERY

Paper-I

Hom- 406A

Detailed course contents

General surgery:

1. Infection, sepsis, antiseptic measures, sterilization;
Wound, boils, carbuncle;
Abscess, ulcers, cellulitis, sinus, fistula, cyst;
Haemorrhage, shock, blood transfusion, cardiac arrest
& resuscitation;
Burns, scalds, fluid and electrolyte balance;
Tetanus, gas gangrene.
Benign tumour, Malignant tumour.

2. Diseases of the alimentary system;

- * Lips-- hare lip, cleft palate; cancer;
- * Tooth & gum-- root abscess, gingivitis;
- * Tongue-- ulcers, cancers, diseases of salivary glands;
- * Oesophagus-- dysphasia, achalasia, stricture, reflux oesophagitis, cancer;
- * Stomach & duodenum-- peptic ulcers, hiatus hernia, upper G.I.T. bleeding, cancer stomach;
- * Liver, gall bladder & pancreas-- liver abscess, cancer liver, obstructive jaundice, cholecystitis, cholelithiasis, acute pancreatitis, chronic pancreatitis;
- * Large and small intestine-- intestinal obstruction, intestinal perforation, appendicitis, tumours of intestine, colostomy;
- * Rectum and anal canal-- imperforated anus, sinus, fistula in ano, fissure in ano, haemorrhoids, carcinoma of rectum, prolapsed rectum;
- * Hernias -- inguinal , umbilical, femoral , incisional;

3. **Diseases of the chest & respiratory system:**
 - * Chest injuries, pneumothorax, lung abscess, bronchogenic carcinoma, tracheostomy.
4. **Diseases of the breast:**
 - * Abscess, mastitis, fibroadenosis, tumours.
5. **Diseases of brain and spinal cord:**
 - * Head injury, hydrocephalus, tumours of brain, tumours of spinal cord, prolapsed disc.
6. **Diseases of bones & Joints:**
 - * Pathology of fracture & fracture healing;
 - * Clinical and radiological features of fracture;
 - * Principle of treatment of fracture;
 - * Complication of fractures;
 - * Causes & treatment of joint stiffness;
 - * Fractures and dislocations in the upper limb-- shoulder, arm, elbow and wrist;
 - * Fractures and dislocations in the lower limb-- hip, thigh, knee, leg, ankle and foot;
 - * Injuries of the spine and paraplegia;
 - * Osteomyelitis and septic arthritis;
 - * Tuberculosis of bones and joints;
 - * Rheumatoid arthritis;
 - * Tumours of bone.
7. **Diseases of circulatory system:**
 - * Congenital heart diseases;
 - * Open heart surgery;
 - * Burger's disease;
 - * Thrombosis, systemic embolism;
 - * Varicose vein;
8. **Diseases of endocrine glands**
 - * Diseases of thyroid, parathyroid, pituitary, adrenal, pancreas, ovary & testis.
9. **Anaesthesiology:**
 - * Anaesthetic agents;
 - * Stages of general anaesthesia & complications;
 - * Techniques and methods of anaesthesia.
 - ❖ **Homoeopathic medicine in pre & post operative treatment.**

SURGERY

PAPER- II

Hom- 406B

10. Diseases of the urogenital system:

- * Kidney & ureter-- polycystic kidney, calculi, hydronephrosis, dialysis, and perinephric abscess, tumours, uraemia, anuria;
- * Bladder-- diverticulum, cystitis, calculi, rupture bladder, neoplasm;
- * Prostate-- benign hyperplasia, carcinoma;
- * Urethra-- stricture, calculi, rupture, acute retention of urine, chronic retention of urine;
- * Penis-- phimosis, paraphymosis, carcinoma;
- * Vas, testes, epididymis & scrotum-- inflammation, varicocele, neoplasm, vasectomy, hydrocele, maldescended testes, torsion testes.

Otorhinolaryngology:

11. Diseases of nose:

- * Gross anatomy of nose;
- * Epistaxis;
- * Foreign body nose, causes of nasal obstruction;
- * Nasal polyp;
- * Fracture of nasal bone;
- * Septal deviation, septal perforation;
- * Rhinitis-- atrophic, acute; nasal allergy;
- * Sinusitis- acute & chronic;
- * Gross anatomy of pharynx;
- * Adenoid.

12. Diseases of throat:

- * Tonsillitis- acute & chronic;
- * Tonsillectomy;
- * Peritonsillar abscess, retropharyngeal abscess;

- * Gross anatomy of larynx;
- * Mechanism of swallowing;
- * Laryngitis- acute& chronic;
- * Hoarseness of voice, tracheostomy;
- * Fauceal & pharyngeal diphtheria;
- * Foreign body in the oesophagus.

13. Diseases of the ear:

- * Gross anatomy of external, middle and internal ear;
- * Physiology of hearing;
- * Wax/foreign body in external ear, injury to the tympanic membrane;
- * Otitis externa;
- * Acute otitis media;
- * Chronic otitis media;
- * Complications of acute & chronic otitis media;
- * Mastoiditis;
- * Otosclerosis and Meniere's disease;
- * Deafness-- types, causes, clinical tests to determine deafness.

Ophthalmology:

14. Diseases of the eye:

- * Anatomy of the eye and orbit;
- * Physiology of the eye- visual pathway;
- * Diseases of conjunctiva: inflammation of conjunctiva- conjunctivitis- types, trachoma,
- * Diseases of cornea: inflammation of cornea (keratitis) - types and their description;
- * Diseases of uveal tract: iritis, cyclitis and panophthalmitis;
- * Diseases of lens: cataract;
- * Glaucoma;
- * Diseases of eyelid: anatomy of, inflammation of- blepharitis, sty, chalazion, entropion, ectropion;
- * Diseases of sclera: inflammation of sclera- types and their description;

- * Diseases of optic nerve: papilloedema, optic neuritis and optic atrophy;
- * Diseases of retina: retinitis;
- * Anatomy and diseases of lacrimal apparatus: dacryocystitis- acute & chronic ;
- * Squint.
- * Injuries to the eye: foreign bodies, chemical injuries, perforating wound.

A. Radiology:

- * Applied physics of light;
- * Radio-anatomy;
- * Techniques of routine X-Rays;
- * Preparations and techniques of special X-Rays:
 - Barium X-Ray (G.I.T),
 - Cholangiograms (OCG, IVC, PTC, ERCP, T-tube),
 - Urograms,
 - Angiogram.

B. Radiotherapy:

- * Principles and classification of R.T & C.T.;
- * Incidence of different types of cancer in Bangladesh;
- * Indications, technique and complications of R.T. & C.T.

C. Specimens:

- * Appendix, Gall bladder, Stomach, Urinary calculi, Kidney, Sequestrum, Breast Thyroid.

D. X-Rays:

- * Abdominal plane X-Ray, Ba-meal X-Ray, Urogram, X-Ray of fracture, X-Ray of PNS, X-Ray of pneumothorax.

E. Instruments:

- * Cutting set;
- * Used in gastric, appendicular, gall bladder operations;
- * Used in chalazion, sty, and cataract operations;
- * Used in removing foreign bodies from the eye;
- * Used in anterior rhinoscopy;
- * Used in otoscopy.

Clinical / Practical

Demonstration - Item for the demonstration shall be selected by concerned professor. Each demonstration when completed, must be shown and recorded by concerned professor.

Case study - History of at least ten cases by each student for each paper should be prepared and that must be submitted along with the Progress Card during Examinations for evaluation by the examiners.

REFERENCE BOOKS

Organon of Medicine (Hom – 101,201,301) :

- 1) Organon of Medicine (Latest edition)
Dr. Christian Friedrich Samuel Hahnemann
Translated by William Boericke, M.D
B Jain Publisher Pvt. Ltd.
- 2) Organon Exposition (5th & 6th edition)
Dudgeon & Boericke 3rd edition 1985
- 3) Organon of Medicine
Dr. B.k. Bosu
- 4) Samuel Hahneman His Life & Work
Richard Haehl Md.
Vol- I & II, Reprint BJain Publisher Pvt.
Ltd.
Edition, 1989 New Delhi, India.
- 5) Spirit of the Organon
Dr. Tapan Chandra Mandal
B. Jain Publishers India.