Syllabus for MD Entrance in Unani system of Medicine for the session 2016-17

Kulliyat-E- Umoore Tabiya

1. Umoore tabiyah ka mafhoom tareef wa ahmiyat (Meaning definition and importance of umoori tabiyyah)
2. Arkan anasir (arkan or anasir)
3. Mizaj, akhlat, aaza, arwah, quwa, afaal

Tashrul-Badan

1. Introduction of anatomy, positions and related terminologies
   i. Raas wa unq (Head and neck), Nervous system (nizame aasab), sadr (thorax), Tarfe-aala (upper limb), Batan (abdomen), Aana wa ejan (pelvis and perineum), Tasfe asfal (lower limb)

Physiology Manaful-Aza

(General physiology and biochemistry)

1. Cytology and histology (qhulia, insaja)
2. Blood and haemopoietic system (khoon a Kurriyat-e Hamra)
3. Blood banks
4. Vitamins
5. Metabolism (istehala)
6. Nizaam-e-dauran-e khoon (circulatory system)
7. Nizaam-e-urooq-e Limfavia aur Shabki-o-Bashree Baatani (lymphatic and reticulo endo theli system)
8. Nizam-e-Hazm (digestive system)
9. Niazm-e- Tanaffus (Respiratory system)
10. Nizam-e- Iqhraj-e- Bowl (excretatory system)
11. Skin (Jild)
12. Nizam Aasab (nerous system)
13. Nizam-e- Shirke Afaal (Sensory organs)
14. Ghudood-e- Ghair Naaqila (endocrine system)
15. Nizam-e Tauleed mardana wa zanana (male and female reproductive system)

Tareekh-E-Tib

1. Tareekh-e tib aur iski ahmiyat (medical history and its importance)
2. Tib ke mukhtalif adwar (different periods of medicine)
3. Tib-e- nabawi (description of prophetic medicine)
4. Qaroon-e-wasta ke mamwar atitba (famous physicians of middle age)
5. Hirdustan kay tibbi daur aur namwar tabeeb (medicine in India and famous physicians)
6. Tib kashmeer mein nooh bin mansoor (medicine in Kashmir: Noon bin mansoor)
7. Bartanwi ahad ke atibba (famous physicians of British period)
8. Hindsutan ka tibbi maraki (unani medical centres in india)
9. Moahida-e- buqratiya (Hippocratic oath)

**Tahaffuzi Wa Samaji Tib**

1. Tahaffuzi wa samaj tib (definition aims and objectives)
2. Sehat, marz air water health disease
3. Pollution & housing
4. Indifac faulaat (disposal of wastes)
5. Shakhsi hifzane sehat (personal hygiene)
6. Khandani mansooba bandi wa zabte tauleed (family planning and birth control)
7. Taadiya (infection)
8. Infection diseases
9. Manaat and amale talqeeh (immunity and vaccination)
10. Amele tatheer (sterilization)
11. Sehati tanzimat (health organizations)
12. Sehati programs (health programs)

**Ilmul Advia (Kullaiyat E-Advia)**

1. Usoole shanakht advia, makhaaz-e-advia (principles of identification of drugs) (pharmacognouy) and sources of drugs
2. Dawa akiza and zulkhassa
3. Mizaje Advia
4. Sammi advia wa tiryaq (poisonous drugs & antidotes)
5. Babni istatah par advia ka taseer (effect of drugs on metabolism)
6. Advia ki ajza tarkeebi (composition of drugs)
7. Ashkale advia masalike advia (different forms) & (routes of administration)
8. Muzir aur muslehabdale advia tanakuz-e- advia (adverse effects of drugs substitution of drugs, drug antagonist)
9. Istelahat-e- advia ba atbare taseer wa naviyate amal (terminologies with respect to the effect and action of drugs)

**Advia Mufradah**

1. Advia ki shinakhat, makha hasul, mizaj afal muaka wa tareekh istamaal
(Identification source collection, mizaj, action therapeutic uses method of usage, dose self life adverse effects corrective measures and recent research of single drugs
2. Adivia nabatiya, (plant origin drugs), Advia maadaniya (mineral origin drugs), Advia haiwaniya (animal origin drugs)
3. Advia jadeeda (modern drugs), Analgesics, sedative, anesthetic, Antibiotics, hormones, contraceptives

Mahiyatul Amraz (Pathology)

Mahiyatul amraz umooni wa ilmul jaraseem (general pathology, microbiology)

1. Ilmul ahwal: Amraaze mufradah, Amraaze murakkabah
2. Ilmul asbab definition and classification
3. Ilmul alamaat: Alamat ke umooni tazkire, alamaat fariqi alamaate imtla, glabae akhlat
   Ilum jaraseen (microbiology): Aqsaame jarasim (classification of micro organisms)
   Qluwin (staining)
   General description of bacteria, virus, fungi parasites.

Mahiyatul Amraz Nizami (Systematic Pathology)

1. Amraz qalb wa urooq (diseases of heart and blood vessels), Amraaz nizam tanaffus (diseses of reparatoriy system.), Amraaz meda wa ama (gastrointestinal diseases), Amraaz kabid wa mirarh (diseases hepato billary system), Amraaz kylia wa masana (diseases of kidney and urinary bladder), Amraaz banqaras (diseases of pancreas), Amraaz dimagh (cervical diseases)
Ilmul Saidla (Unani Pharmacy)

1. Mufrad wa murakkas dawao ke husool, zakheera andozi, tahaffuz aur tanzeem
   (Collection storage of simple and compound drugs, drying, different types of drying self life of Unani drugs)
2. Awzan-e-advia jadeed wa qadeem wa paimani (ancient and contemporary system and auzan-e advia (units of measurement)
3. Aamale dawasazi, istalahat wa ashkale advia ka ijmali bayan (description and application of technical terminologies and different Unani dosage forms)
4. Safoof, Dawao ki tareekj tayyari k makhsoos aamal pepratory methods of drugs
5. Drug wa cosmetic act ka taaruf (drugs and cosmetic act akram wa hasoob).
6. Tablets and pills making process
7. Dawa ki tareeqai tayyari k makhsoos aamal (Preparatory methods of drugs)
8. Aalati dawasazi ka taruf or tareeka-e istemal (description of pharmacatical equipments and their application).

Advia Murakkabah

1. General description of drugs mentioned in the standard pharmacopoeia and the national formulary of Unani medicines.
   Tibbi unani ki mayari aur quomi qarabadeen mein mazkor ashkale advia ke aijmali bayan
2. Murakkab ke ajzae makhsoora afal-wa khawas, mehl istemal aur tarkeeba tayyari,
   Arqiyaat, sikanjabeen, sharbat, laooq, khameera, majoon jawarish, itrifal, lubbo, tiryaaq, mufarrehaat, sofoof, haboob, barshash, dayazzoa, zarooor, kath, rub, roghan, qurs, shiyaf, qairooti, kohl, marham, zimad, tila

Tibbe Qarooni Wa Ilmul Samoon (Medical Jurisprudence And Toxicology)

1. Courts and their powers, Medical evidences, Medical legal certificate, Shanakht (identification)
2. Maut (deaths), Marge tashaddud (violent deaths)
3. Jarah wa zakhm (wounds), Harq (burns) salaq (scald)
4. Anariat (impotence) uqr (sterlity), Dosheezgi (virginity)
   Sexual offences, Hamal (pregnancy), Isqaate hamal (abortion)
Ilmus samoon (Toxicology)

Classification of poisons, routes of administration diagnosis, treatment antidote, Post mortem appearance, fatal dose fatal period medico legal aspects Haamiz (acids), Qalriyat (alkalis), Vegetable poisons, Animal poisons, Household poisons

Sareeriyat Wa Usoole Ilaj (Bed Side And Principles Of Management)

Gharz wa gheyat (aim and objective), Roodade mareez (history taking), Imtehan mareez umooni (general examination) Imtehane nizami (Systemic examination) Nizam e hazam, Nizam e tanaffus, Nizam e qalb wa urooq, Nizam e baul wa tanasul, nizam e izam wa mafasil, Imtehane jilad, Nizam asbi, Nafsiyaat, Moaina- e- atfaal, Behosh mareez ka moaina Nabz Baul, barez Usoole ilaj (principles of management) Auraam ka usoole ilaj Usoole ilaj nizami Radio dignosisis CT, MRI Endoscopy laparoscopy colonospy sigmoidscopy ECG ECHO angiography cardiac catherzation Doppler FNAC biopsy tapping of fluid spirometry PFT

Ilaj Bit Tadbeer (Regimental Therapy)

Ilaj-bit tadbeer ka taruf, tareeh pasmanzar, garz wa gayayt wa ahmiyat ka umooni bayan (general introduction of illaj bit tadbeer) Ashab e sitta zarooyiya ki garaz wa gayat wa tadbeer ahmiyat ka bayan aur tadbeer ki taqseem (therapeutic implication of six essential factors and their regimental importance classification of various mode according to asbas-e-sitta zarooriya. Illja-bit tadbeer ki tasabeer ke usool wa zawabit, sharait agraz wa musadik tareeke istemal wa mawaniyat. (Detailed description of various regimental modalities along with their indications and contra indications) Istifagh, munizij-o mushily, uulak, riyazat, Ghiza, Makhsoos halato moein illaj-e tadbeer ka khusoosi qirdar, (Application of illaj bit tadbeer in specific condition)
Amraze Atfal (Pediatrics)

Objective, knowledge skills.
History, examination, diagnosis and management, New born case, Growth and development, Immunization, Immunity, Infectious disease, Congenital diseases
Breast feeding, Dehydration, Puberty and related problems
Amraze-e-ama wa miqad, Amraze tanasul, diseases of genitalia, Amraze-e-majrae boul (diseases of urine tract), Amraze-e-dam - haemotology
Endocrinology disorders
Drugs and drug dosage in children.

Moalijat I (General Medicine)

1. Amraze nizame aasab wa dimagh (Applied anatomy, physiology, signs, symptoms diagnostic parameters and important investigation)
Causes pathogenesis principles of treatment complications and procedures treatment mamoolate, matab
2. Amraze tannaâfus (respiratory diseases)
Causes pathogenesis principles of treatment complications and procedures treatment mamoolate, matab Amraze qalb wa daurane khoon (cardio vascular diseases)
Causes pathogenesis principles of treatment complications and procedures treatment mamoolate, matab
3. Amraze urooque damviya (diseases of blood vessels)
Causes pathogenesis principles of treatment complications and procedures treatment mamoolate, matab Amraze dam wa lymhavia (diseases of blood and lurphak system)
Causes pathogenesis principles of treatment complications and procedures treatment mamoolate, matab
Hoemopoetic system

Moalijat II (General Medicine)

1. Amraaze nizam-e-hazm (diseases of digestive system), Amraaze mari (disease of oesophagus), Amraaze meda (diseases of stomach), Amraaze ama’a (intestinal diseases), Amraaze kabid (liver diseases), Amraaze mirara (diseases of gallbladder), Amraaze tihal (diseases of spleen), Amraaze banqaras (diseases of pancreas), Amraaze nizame baul (diseases of urinary system), Amraaze masana (diseases of urinary bladder), Amraaze tanasul (diseases genital organs)
2. Investigation and Procedures
3. Amraaze mutaddiyeh, amraaze jild wa-tazeeniyat amraze mafasil
Amraaze jild, Amraaze azfaar (diseases of nails)
4. Hummiyat
**Amraze-E-Nioswan (Gynaecology)**

1. Tashreeh aza-e tanasulya wa ghair tabaiee shaklein (Anatomy of female genital tract, anatomy of breast and its variations supports and development anomalies)
2. Afaf-e- aza-e tanasulya (physiology of genital organ)
3. Balughat (puberty and adolescence)
4. Inqate-e- tams (menopause)
5. Tabaiee idrar-e tams aur nizam-e laqanaati (physiology of menstruation and related endocrinology)
6. Fatoorat-e tams (menstrual disorders)
7. Amraaze-e-furj – (diseases of vulva)
8. Amraaze-e- mehbal (diseases of vagina)
9. Amraaze-e- reham (diseases of uterus)
10. Amraaze-e-gazafain wa khustatur reham (dieres o f fallopian tubes & ovaries)
11. Sailan-ur-reham (vaginal discharge)
12. Uqr- (infertility)
13. Amraaze-e-manqoola jinsia (sexually transmitted diseases)
14. Tadaron-e aza tanasulya (genital tuberculosis)
15. Khandani mansooba bandi wa maana e- hamal tabadeer (Family planning and contraceptive measures)
16. Tasheeri wa moalejaati amalyaat (diagnostic and therapeutic procedures)
17. Amraze-e suddiyain (diseases of breast)

**Ilmul qabalat wa naumaulood (Obstetrics & Neonatology)**

1. Zanana-aza e Tolid ki tashreeh (anatomy of female genital organs)
2. Female pelvis, foetal skill (diameters)
3. Ovulation, fertilization implantation
4. Janeeni irteqa (Feotal development)
5. Foetal circulation, amniotic fluid, foetal membranes
6. Placenta, (normal & abnormal) umbilical cord (normal & abnormal)
7. Hamal (pregnancy)
8. Signs, symptoms, physiological changes, false pregnancy antenatal care
9. Labour and its stages
10. Abnormal presentation
11. Preterm labour
12. IUD (fault e Janeeni)
13. Obstetric disorders in pregnancy
14. Surgical procedures
ilmul jarahat (surgery) jarahiyat umooni (general surgery)

Wounds (jarahat)
Infection (tadiya)
Parasitic diseases
Sinus fistula (majra nasoor)
Shock (sadma)
Haemorrhage (jirayanudam)
Haemostasis (inti qaluddam)
Transfusion of blood
Tumors salaat
Burns and scald
Saddayain (breasts)
Anaesthesia
Ahya-e-aamale qalb wa riya (cardio pulmonary resuscitation)
kusor (fractures)
Khala (dislocation)

Jarahiyat nizame (Systematic surgery)

Head (raas)
Sadar (thorax)
Mari (oesophagus)
Batan (abdomen)
Amaa (intestines)
Qeela-e- maaiya (hydrocele)
Fataq (hernia)
Maqad wa qanaate maraz(rectum & anal canal)
Baaretoon (peritoneum)
Amraaz- batun (diseases of stomach)
Majraae baul (urinary tract)
Nizaame tanasul (genital system)
Amaraaze ain wa amraaze uzn

Anaf wa halaq
Amrez ain (diseases of eye)
Alae damai ke amraaz (diseases of lacrimal apparatus)
Amraaze mehjarair (orbital diseases)
Amraaze multehma (diseases of conjunctiva)
Amraaze qarniya (diseases of cornea)
Amraaze inabiya (iris)
Choroid tabqae masheema
Amraaze adasa (lens)
Amraaze basarat (visual disorders)

Uzn (ear)
Anatomy physiology
Hearing mechanism
Diseases of ear

Nose (anf)
Anatomy, physiology, Mechanism of olfaction, Diseases of nose

Halaq (throat), Anatomy and physiology of throat, Examination, Diseases of throat

jaufe dehen (oral cavity) (Anatomy and physiology of Oral cavity, examination Diseases of oral cavity)
Lisan (tongue) (Anatomy and physiology, Diseases of tongue)
Asnaan wa hissa (teeth and gums) (Anatomy and physiology of teeth and gums)

Ilaj
amraze uzn, anf, halaq wa asnan mai istemal hone wali advia ke tafsedi mutala

Unani advia
Muskkin (analgesic) mukhaddir (anesthetic) dafe hassasiyat (anithistaminics)