

"ഭരണഭാഷ- മാതൃഭാഷ"



കേരള സർക്കാർ

സംഗ്രഹം

ആയുഷ് - ആയുർവേദ മെഡിക്കൽ വിദ്യാഭ്യാസം - മർക്കസ് യൂനാനി മെഡിക്കൽ കോളേജ് - 2024-25 അദ്ധ്യയന വർഷത്തേയ്ക്കുള്ള റജിമെന്റൽ തെറാപ്പി കോഴ്സിനുള്ള പ്രോസ്പെക്ടസും സിലബസും അംഗീകരിച്ച് -ഉത്തരവ് പുറപ്പെടുവിക്കുന്നു.

ആയുഷ് (എ) വകുപ്പ്

സ.ഉ.(സാധാ) നം.330/2024/AYUSH

തീയതി,തിരുവനന്തപുരം, 29-08-2024

- പരാമർശം:-
1. സ.ഉ.(സാധാ) നം. 556/2022/ആയുഷ് തീയതി 07.12.2022
 2. ആയുർവേദ മെഡിക്കൽ വിദ്യാഭ്യാസ ഡയറക്ടറുടെ 09.11.2023 , 21.06.2024 തീയതികളിലെ 762/പി/2023/ഡിഎഎംഇ നമ്പർ കത്ത്

ഉത്തരവ്

കോഴിക്കോട് മർക്കസ് യൂനാനി മെഡിക്കൽ കോളേജിൽ 30 സീറ്റുകൾ ഉൾപ്പെടുത്തി റജിമെന്റൽ തെറാപ്പി വിഭാഗത്തിൽ ഒരു വർഷം ദൈർഘ്യമുള്ള പാരാമെഡിക്കൽ കോഴ്സ് ആരംഭിക്കുന്നതിന് പരാമർശം (1) പ്രകാരം അനുമതി നൽകി ഉത്തരവ് പുറപ്പെടുവിച്ചിരുന്നു. പ്രസ്തുത കോഴ്സിന്റെ 2024-25 അദ്ധ്യയന വർഷത്തേയ്ക്കുള്ള പ്രോസ്പെക്ടസും സിലബസും അംഗീകരിക്കുന്നതിനുള്ള ശുപാർശ ആയുർവേദ മെഡിക്കൽ വിദ്യാഭ്യാസ ഡയറക്ടർ പരാമർശം (2) പ്രകാരം സമർപ്പിച്ചിരുന്നു.

2. സർക്കാർ ഇക്കാര്യം വിശദമായി പരിശോധിച്ചു. കോഴിക്കോട് മർക്കസ് യൂനാനി മെഡിക്കൽ കോളേജിൽ ഒരു വർഷം ദൈർഘ്യമുള്ള റജിമെന്റൽ തെറാപ്പി കോഴ്സ് ആരംഭിക്കുന്നതിലേയ്ക്കായി അനുബന്ധമായി ചേർത്തിട്ടുള്ള 2024-25 അദ്ധ്യയന വർഷത്തേയ്ക്കുള്ള പ്രോസ്പെക്ടസും കോഴ്സ് സിലബസും അംഗീകരിച്ച് ഉത്തരവാകുന്നു.

(ഗവർണ്ണറുടെ ഉത്തരവിൻ പ്രകാരം)

SEEMA S

ജോയിന്റ് സെക്രട്ടറി

ആയുർവേദ മെഡിക്കൽ വിദ്യാഭ്യാസ ഡയറക്ടർ ,തിരുവനന്തപുരം
പ്രിൻസിപ്പൽ ,മർക്കസ് യൂനാനി മെഡിക്കൽ കോളേജ് & ഹോസ്പിറ്റൽ , പുതുപ്പാടി , കോഴിക്കോട്
പ്രിൻസിപ്പൽ അക്കൗണ്ടന്റ് ജനറൽ(എ&ഇ/ആഡിറ്റ്) ,കേരള ,തിരുവനന്തപുരം
വെബ് & ന്യൂ മീഡിയ (പ്രസിദ്ധീകരണത്തിന്)
കരുതൽ ഫയൽ /ഓഫീസ് കോപ്പി

ഉത്തരവിൻ പ്രകാരം

Signed by

Baiju G

സെക്ഷൻ ഓഫീസർ

Date: 30-08-2024 11:43:32

പകർപ്പ് : ബഹു ആരോഗ്യ വനിത ശിശു വികസന വകുപ്പ് മന്ത്രിയുടെ പ്രൈവറ്റ് സെക്രട്ടറിക്ക്



GOVERNMENT OF KERALA

PROSPECTUS

ADMISSION TO THE CERTIFICATE COURSE IN UNANI REGIMENTAL THERAPY 2024-25

**DIRECTORATE OF AYURVEDA MEDICAL EDUCATION
THIRUVANANTHAPURAM – 695 001**

DIRECTORATE OF AYURVEDA MEDICAL EDUCATION
THIRUVANANTHAPURAM

**PROSPECTUS FOR THE ADMISSION TO THE CERTIFICATE COURSE IN
REGIMENTAL THERAPY FOR THE YEAR 2024-25**

INTRODUCTION

Prospectus for the admission to the **Certificate Course in Regimental Therapy** in **Markaz Unani Medical College and Hospital, Kannoth (P.O.) Kozhikode**, for the year 2024-25, which has been approved by the Government of Kerala, is published herewith. It contains general information and rules related to the admission and other connected matters. Candidates are required to go through the prospectus carefully and acquaint themselves with all the relevant information relating the admission. Prospectus issued for earlier years are not valid for the year 2024-25.

The Prospectus sets out the rules and regulations for the selection and admission for the One Year Certificate Course in Regimental Therapy conducted under the Directorate of Ayurveda Medical Education Department within the State of Kerala. The admission to the above course is regulated on the basis of merit as assessed by giving weightage to the marks/grades obtained in the qualifying examination.

The Prospectus is subject to modification/addition/deletion as may be deemed necessary by the Government.

- 1. ELIGIBILITY FOR ADMISSION :-** Candidates belonging to the State of Kerala and who have passed the SSLC Examination or equivalent examination, having the eligibility to undergo +2 or equivalent examination are eligible for admission. For students who have passed the qualifying examination under old scheme (Prior to Grading System), marks are to be converted to 9 points absolute grade.

(a) Grade/Marks is to be converted to 9 points absolute scale as follows:

Grade	A+	A	B+	B	C+	C	D+
% of Marks	>=90	>=80	>=70	>=60	>=50	>=40	>=30
Point	9	8	7	6	5	4	3

Note: - For those who have passed the qualifying examination under old scheme (Prior to Grading System), calculations of value point as under.

(b) The Total Grade Value (TGV) is calculated by adding all the points thus obtained for all the papers.

(c) Calculation of Weighted Grade Point Average (WGPA) and index Weighted Grade Value = Sum of Grade Values for Biology, Chemistry and Physics.

$$\text{Weighted Grade Point Average (WGPA) =} \\ \frac{\text{Total Grade Value} + 2 \times (\text{Weighted Grade Value})}{\text{Total No. of Papers} + 2 \times (\text{Total No. of papers to which weightage is given})}$$

Index Score = WGPA + Bonus Points* - Penal Points**

Note: * Grade/Marks of all papers of a subject will be considered separately if the subject has more than 1 paper in the qualifying examination. Bonus point of each will be added to WEPA, for calculating the index, for candidates who have passed the Pre-Degree/+2 or equivalent examination, Degree Examination, and studies Urdu/Arabic/Persian in High School or as Second Language in the Pre Degree/+2/Degree course.

** Penal Point of 0.5 each will be deducted in every subsequent appearance in SSLC examination from WGPA, for calculating the index (in case of applicants who have taken more than one chance)

2. PREPARATION OF RANK LIST :-

(a) The rank list of Therapist Course will be prepared on the basis of Index Score calculated and admission will be done strictly according to this rank list for the course.

- (b) Resolution of Tie while ranking: - In the case of tie in the WGPA the candidate with Higher Average Grade Point in Biology (Average Grade Point of different papers if more than one paper is included for the subject in qualifying examination) will be placed higher in the ranking. In case, tie exists further, Higher Average Grade Point in Chemistry (Average Grade Point of different papers if more than one paper is included for the subject in qualifying examination) will be placed higher in the ranking. In case, tie exists further, Higher Average Grade Point in Physics (Average Grade Point of different papers if more than one paper is included for the subject in qualifying examination) will be considered. If there is tie, the age of the candidate will be taken into account and the older will be placed higher in the ranking than the younger.

Attested copies of all certificate and mark list must be attached with the application form to get the grace marks. Otherwise the grace mark will not be awarded.

3. AGE LIMIT :-

Candidates between the age of 16 and 30 as on 01-05-2024 are eligible to apply. Age relaxation up to 5 years will be allowed to SC/ST candidates.

4. DURATION :-

The course will be for a period of 12 months (300 working days).

5. CERTIFICATE :-

Certificate will be awarded to the candidates only after having secured pass marks (50 percent marks in theory and in practical examination separately for each subject) conducted by a Board of Examiners appointed for the purpose.

- 6. FEES :-** A yearly tuition fee of Rs. 5,000/- (Rupees Five Thousand only) for merit seat and Rs. 20,000/- (Rupees Twenty Thousand only) for the management quota will be levied from the candidates. Scheduled Caste and Scheduled Tribe candidates will get usual relaxation of fees as per the current regulations

prescribed the Kerala Govt. The fee once remitted will not be refunded. Every selected candidate will have to remit a caution deposit of Rs. 10,000/- (Rupees Ten Thousand only) and other special fees if any. Caution Deposit will be refunded on successful completion of the course after deducting dues, if any. Any fees once remitted will not be refunded.

7. HOW TO APPLY :-

Application form and prospectus will be available in the official website of Directorate of Ayurveda Medical Education www.ayurveda.kerala.gov.in. The application fee will be as follows:

For General candidates : Rs.300/- (Rupees Three Hundred Only)

For SC/ST candidates : Rs.200/- (Rupees Two hundred Only)

Candidates should remit the Application fee to the treasury in the head of Account "0210-03-101-98-other receipts" and the Original chalan should be sent along with the application to the Director, Directorate of Ayurveda Medical Education, Thiruvananthapuram. The cost of form will not be refunded under any circumstances. The application form is not transferable.

8. DOCUMENTS :-

Application forms duly filled in along with the following documents should reach the office of The Director, Directorate of Ayurveda Medical Education, Thiruvananthapuram 695001, Kerala on or before the time and date notified.

- (a) Copies of Secondary School Leaving Certificate to prove age and qualification duly attested by the Gazetted Officer.
- (b) Nativity Certificate for all applicants.
- (c) Income and Community Certificates obtained from the Village Officer concerned in respect of the candidates seeking admission against the seats reserved for Other Backward Classes. Candidates whose family annual income is above Rs. 8,00,000/- (Rupees Eight Lakhs only) will not be eligible for selection against the seats reserved for Other Backward Classes. Community

Certificate in respect of Scheduled Caste and Scheduled Tribe candidates must be obtained from Tahsildar.

- (d) Attested copies of all certificates and mark lists must be attached with the applications. Otherwise the application will summarily be rejected.

Income

- (i) The source of Income for the purpose of Income Certificate includes salary (Basic Pay, DA, HRA, CCA, Special Pay and Other Allowances).
 - (ii) Income from Pension.
 - (iii) Income from Property.
 - (iv) Income from Business.
- (e) Fees receipt being the cost of application form.
- (f) The certificates required under Clause 8b and 8c must be obtained in the space provided in the application form itself.
- (g) A recent colour passport size photograph of the applicant must be affixed in the space provided in the application form itself and must be attested by a Gazetted Officer.
- (h) A self addressed post card. The register Number assigned to each applicant will be noted in the post card enclosed. The applicants should quote their register number and contact phone number in all further correspondences.

The late received and defective applications, applications not accompanied by the above said documents will summarily be rejected. Documents/Certificates furnished after the submission of the application will not be entertained under any circumstances.

9. SELECTION :-

There are as many as 30 seats are available for selection. The course will be conducted at the **Markaz Unani Medical College and Hospital, Kannothe (P.O.) Kozhikode**. The selection will be made by a Board appointed for the purpose. 50% of the seats are under the Merit Quota and 50% of the seats under the Management Quota i.e, 15 seats under the Merit Quota and 15 seats under the Management Quota.

I. Admission to the 15 Merit Quota seats shall be done as per the rules and regulations fixed by the Govt. of Kerala and the selection will be held at the Directorate of Ayurveda Medical Education office in Thiruvananthapuram which are as follows:

(A) General Merit (GM)	-	50%	- 7
(B) Economically Weaker Sections in General category (EWS)	-	10%	- 2
(C) <u>Socially and Economically Backward Classes (SEBC)</u>	-	30%	- 4
(i) Ezhava Reservation (ETB)	-	9%	
(ii) Muslim Reservation (MU)	-	8%	
(iii) Other Backward Hindu (OBH)	-	3%	
(iv) Latin Catholic and Anglo Indian (LA)	-	3%	
(v) Dheevara and related communities (DV)	-	2%	
(vi) Viswakarma and related communities (VK)	-	2%	
(vii) Kusavan and related communities (KN)	-	1%	
(viii) Other Backward Christians (BX)	-	1%	
(ix) Kudumbi (KU)	-	1%	
(D) Scheduled Castes and Scheduled Tribe	-	10%	- 2
(i) Scheduled Caste	-	8%	
(ii) Scheduled Tribe	-	2%	

In case sufficient candidate not available on any categories the seats will be allotted to State Merit candidates

II. The candidates called for interview for 15 Management seats will have to be available on the given date and time at Markaz Unani Medical College & Hospital, Kozhikode at their own expense. Appearing for the interview will not be a claim for selection.

(a) Differently abled candidates will not be eligible for selection.

(b) Decision of the Selection Board shall be the final.

10. HOSTEL :-

Hostel facilities will be provided to male and female candidates on first come and first served basis.

11. LEAVE AND ATTENDANCE :-

The Candidate should earn 80% (Eighty Percentage) attendance for the course. They will be permitted to avail casual leave for 20 (twenty) days but not more than 10 (ten) days at a stretch. Those who take leaves without prior sanction of the Principal are liable to be considered to be on unauthorised absence.

12. EXAMINATION :-

Annual and Supplementary Examinations will be conducted by an Examination Board constituted for this purpose.

13. STIPEND :-

The candidates selected for admission will not be eligible for any stipend.

14. UNIFORM :-

A stipulated uniform has to be maintained as per the code of the conduct of the college.

15. P.T.A. :-

An active Parent Teachers Association (P.T.A.) is maintained by the college authorities in order to have proper interactions and development of the College and Hospital.

16. TUTORIAL SYSTEM :- In the view of interacting with the students about academic and personal problems, tutorial system has been successfully implemented in the College. Monthly review shall be conducted by teachers and intimated to the parents if necessary.

17. MEDIUM OF INSTRUCTION :-

The medium of instruction for the course shall be in Urdu and Malayalam substantiated with English wherever necessary.

18. LIBRARY :-

A well-arranged library is maintained for references and studious progress of the students.

19. CANTEEN :-

A well-maintained canteen services at subsidized rates for students is available.

18. PROHIBITION OF RAGGING :-

According to the Kerala Prohibition of Ragging Act, 1998, 'Ragging' means doing of any act by disorderly conduct to a student of an educational institution, which causes or is likely to cause physical or psychological harm or raising apprehension or shame or embarrassment to that student and includes teasing or abusing or playing practical jokes or causing hurt to such students or asking a student to do any act or to perform something which such student will not in the ordinary course be willing to do.

All institutions will have to abide by the directives of the Honorable Supreme Court of India, dated May 16, 2007 in SLP No. (s) 24295 of 2006 University of Kerala Vs Council, Principal's, College, Kerala & Ors [with SLP (C) No.24296-99/2004 & W.P. (CrI) No.173/2006 & SLP (C) No.14356/2005] and the recommendations approved by the Honorable Supreme Court of India for effective prevention of ragging in educational institutions.

In case, the applicant for admission is found to have indulged in ragging in the past or if it is noticed later that he/she indulged in ragging, admission may be refused or he/she shall be expelled from the educational institution accordingly.

Each of the student of the institution and his/ her parents, or guardian are required to submit a joint anti-ragging undertaking at the time of registration/admission in prescribed format available which is mandatory for admission.

Note :- “Government have the authority to make any changes that is found inevitable in the prospectus published, in advance, to enable the candidate to make their application in the proper manner on the basis of their eligibility”.

Directorate of Ayurveda Medical
Education, Arogya bhavan
M.G Road
Thiruvananthapuram

Director
Ayurveda Medical Education Department

SYLLABUS for Regimental Therapy

Paper - 1

KULLIYAT UMOORE TABIYA (BASIC PRINCIPLES OF UNANI MEDICINE) :-

(A) GENERAL DISCUSSION :-

- (i) Ilme Tib ki Tareef (Definition of Tib).
- (ii) Umoore Tabiyah ki Tareef aur ahmiyat (Definition and importance of Umoore Tabiyah).

(B) ARKAN/ANASIR (ELEMENTS) :-

- (i) Arkan or Anasir ki Tareef (Definition of elements).
- (ii) Anasir Arba ka Nazaria (Concept of Arkan-e-Arba).
- (iii) Anasir ka Jadeed Nazaria (Modern concept of Elements).
- (iv) Anasire Insaniah ki Taqseem aur Sehat wa Marz mein inki Ahmiyat (Classification of Human elements and their role in Health and Disease).

(C) MIZAJ (TEMPERAMENT) :-

- (i) Mizaj ki tareef (Definition of Temperament).
- (ii) Mizaj ki taqseem (Classification of Temperament).
- (iii) Taqseeme Mizaje Motadil (Classification of Equable or Balanced temperament).
- (iv) Taqseem Mizaje Ghair Motadil or Sue Mizaj, Sue mizaj sada, sue mizaj maddi (Classification of imbalanced temperament, simple imbalance of temperament, imbalance of temperament due to change in matter).
- (v) Ajnase Ashra (ten principles for diagnosis of temperament).
- (vi) Mizaj e Azae Mufrada wa Aza-e-Murakkaba (temperament of simple and compound organs).
- (vii) Mizaje Asnaan, Mizaje Asnaf (Temperament of different ages and genders).
- (viii) Mizaje Aqaleem (Human Temperament according to geographical distribution).
- (ix) Ilaj wo Moalaja mein Mizaj ki Ahmiyat (Importance of the Mizaj with respects to therapeutics).

(D) AKH'LAT (HUMOURS) :-

- (i) Akh'lat Ki tareef (Definition of Humours).
- (ii) Akhlate Arba' ka Ijmali bayan-wa-Bahas (Description and discussion of four humours).
- (iii) Khilt Dam ka Bayan, Aqsam-wa-Afa'l (Description of Blood with classification and functions).
- (iv) Khilt Balgham ka Bayan, Aqsam wa Afa'l (Description of Phlegm with classification and functions).

(v) Khilt Saf'ra ka Bayan, Aqsam wa Afa'l (Description of yellow Bile with classification and functions).

(vi) Khilt Sauda ka Bayan, Aqsam wa Afa'l (Description of black Bile with classification and functions).

(E) ORGANS :-

(i) A'za ka Ijmali Bayan wa Aqsam (General description of Organs and their classification).

(ii) A'zae Mufrada ki Tarif (Definition of Simple Organs).

(iii) A'zae Mufrada ke Aqsam (Classification of Simple organs).

(iv) A'zae Murakkaba ki Tarif ma' Aqsam (Definition of Compound Organs with their classifications).

(v) A'zae Raisah ki Tarif ma' Aqsam (Definition of Vital Organs and their classifications).

(F) ARWAH (PNEUMA) :-

(i) Ruh ki tarif (Definition of Pneuma).

(ii) Ruh ke Afa'l (Functions of Pneuma).

(G) QUWA (FACULTIES/ POWER) :-

(i) Quwa ki Tarif ma' Aqsam wa Afa'l (Definition of Powers or Faculties with classification and functions)

(H) (FUNCTIONS) :-

(i) Afa'l ki Tarif wa Aqsam Balihaze quwwat (Definition and classification of Functions according to faculties).

Paper - 2

ANATOMY AND PHYSIOLOGY :-

(A) TASHREEHUL BADAN (ANATOMY) :-

(i) Tashreehul Badan ki ta'arif (introduction of anatomy), Anatomical position and related terminologies. Superficial and deep Fasciae, Skin and its appendages, Tendon, Ligaments & Bursae.

(iii) Types, functions and ossification of bone.

(iv) General description of Skull, Vertebrae, Bones of upper limb, Bones of lower limb, ribs and Mandible.

- (v) General introduction and classification of muscles.
- (vi) Muscles of facial expression, superficial muscles of the back (trapezius, latissimus dorsi and rhomboideus major et minor), Deep muscles of the back (sacrospinalis, interspinalis, transversospinalis, intertransversarii, multifidus, Semispinalis), Muscles of the scapular and deltoid region (deltoid, rotator cuff muscles, muscles of the arm, forearm and hand, muscles of the lower limb (thigh, leg and foot).
- (vii) Types and movements of joints.
- (viii) Description of knee, hip, shoulder, elbow, wrist and ankle joints.
- (ix) Short description of all systems of the body.
- (x) Blood vessels, Nerves and Lymph vessels.
- (xi) Anatomy of different visceral organs.

(B) MUNAFIUL AZA (PHYSIOLOGY) :-

- (i) Introduction to human physiology, general physiology.
- (ii) Cells and tissue (Definition, types and functions).
- (iii) Definition of Blood, constituents and functions.
- (iv) Vitamins (Definition, types, daily requirement and functions).
- (v) Circulatory system (Introduction, Valves of Heart, cardiac cycle, heart sound, heart block, Nerves of the heart, cardiac centre & its function, Electro Cardiograph, Blood Pressure).
- (vi) Introduction of digestive system (salivary glands & secretion of Saliva, composition, secretion and function of Gastric juice, Pancreatic juice, Bile, Movements of Alimentary canal and their functions, Formation of Faeces and Defecation. Structure and & functions of Liver, Digestion of carbohydrate, protein and lipids, Absorption of water.
- (vii) Introduction of Respiratory system (Respiratory muscles and functions of respiratory system/ organs, Transport of Oxygen & Carbon dioxide, Gaseous exchange in lungs and tissues, Centers of respiration, Artificial respiration and its methods, Pulmonary Volume, Pulmonary Capacities, Dyspnoea, Anoxia, Apnoea, Hypercapnia).
- (viii) Excretory system (Kidneys and their function, Skin and its functions).
- (ix) Introduction of nervous system (central nervous system, peripheral nervous system)

Paper- 3:

ILMUL ADVIA :-

(A) KULLIYATE ADVIA :-

(i) Introduction to Kulliyate advia, USOOL SHANAKHTE ADVIA (PRINCIPLES OF IDENTIFICATION OF DRUGS (PHARMACOGNOSY), Makhaze Advia (Sources of drugs), DAWA, GHIZA, AND ZHULKHASSA, MIZAJE ADVIA, SAMMI ADVIA WA TIRYAQ (Poisonous drugs and Antidotes), ADVIA KI TABAI KHUSOSIYAT (Physical properties of drugs), ASHKALE ADVIA (Different dosage forms), MASALIKE ADVIA (Routes of administration of drugs), MUZIR, MUSLEH (Adverse effects of drugs and their correctives), ISTEHLAHAT-E-ADVIA BA AITBAR-E-TASEER WA NAUYIAT-E-AMAL (Terminologies with respect to the effects and actions of drugs),

(B) ADVIA MUFRADAT :-

(i) Darjezail Advia ki Shanakht, Makhaz, Husul, Mizaj, Afa'l, Mua'qae istemal (Identification, source, collection, mizaj, actions, therapeutic uses), ADVIA NABATIYA (PLANT ORIGIN DRUGS) Azaraq, Adhusa, Aspaghol, Afiun, Asgandh, Asrol, Aftimoon, Enjeer, Aloo Baloo, Amla, Anar, Aslossus, Babchi, Badam, Baranjasif, Biskhapra, Balela, Banafsha, Behidana, Barahmi, Panbadana, Podina, Tamar Hindi, Toot, Salab misri, Javitri, Jamun, Jawakhar, Chob chini, Hilteet, Hina, Khulanjan, Khyar shambar, Kahoo, Dar chini, Dammul akhwain, Rasut, Rehan, Rewand chini, Zafaran, Zanjbeel, Zufa, Zaitoon, Zeera safed, Zeerasiah, Sapistan, Satawar, Sarphoka, Suranjan shireen, Suranjan Talkh, SadaBahar, Shahatra, Samaghe Arabi, Sandal Surkh wa safaid, Tabasheer, Aqarqarha, Ushba, Unnab, Ood saleeb, Fafil Siyah, Qaranful, Kasni, Kafoor, Kakra Singhi, Kabab Chini, Kataan, Karanjawa, Kasondi, Kishneez, Kamela, Kundur, Gajar, Gaozaban, Gilo, Gule Surkh, Gule Gurhal, Lahsun, Mazoo, Marzanjosh, Mur Mastagi, Muqil, Mako, Mundi, Maveez, Nilofer, Neem, ADVIA MAADANIYA (MINERAL ORIGIN DRUGS), Abrak Safaid wa Siyah, Tinkar, Hajrul Yahud, Khabsul hadeed, Zaharmohra, Sumaq, Sammul far, Sange Jarahat, Shora Qalmi, Tila, Faulad, Kibreet, Gile Armani, Gile Surkh, Gau Danti, Sang, Nuqra, Namakiyat, Harhtal, ADVIA HAIWANIYA (ANIMAL ORIGIN DRUGS), Abresham, Baiza Murgh, Beer Bahuti, Kharateen, Reg mahi, Sartan, Sadaf, Ambar, Qarnul Aiyal, Marjan, Mom, Marvareed.

(C) ILMUL SAIDLA :-

(i) Saidla ki tareef, Introduction of ancient and contemporary system of measurement, Brief introduction about collection, storage of simple and compound drugs, preservation and management for pharmacy stores, Brief description and application of technical terminologies and

different Unani dosage forms, Brief description of Good Manufacturing Practices (GMP) in the manufacturing of Unani Drugs, Introduction to Drugs & cosmetics Act.

(D) ADVIA MURAKKABAH :-

(i) Introduction to Advia murakkabah, Introduction to Sharbat, Sikanjabeen, Murabba, Gulqand, Tiryaaq, Safoof, Qairooti, Kohl, Marham, Kushta, Main constituents, Therapeutic uses, actions, dosage and preparation of following compound formulations: Roghan Amla, Roghan Haft Barg, Qairooti Aarade Krisna, Marham Kafoori, Marham Raal, Zimad Muhallil.

Paper - 4

ILAJ BIT TADBEER (Unani Regimenal Therapy):-

(A) GENERAL INTRODUCTION OF ILAJ BIT TADBEER :-

(i) General Introduction of Ilaaj-bit-Tadbeer, Asbab e sitta zarooriya ki gharaz wa ghayat wa tadbeeri ahmiyat ka bayan (Therapeutic implication of six essential factors and their regimental importance, classification of various modes according to Asbab-e-sitta zarooriya, Detailed description of various regimental modalities along with their indications and contraindications.

(B) VARIOUS PROCEDURES FOLLOWED IN ILAJ BIT TADBEER :-

(I) 1. Taleeq (Leeching/leech Therapy) 2. Hijamah (Cupping) 3. Fasad (Venesection) 4. T'areeq (Diaphoresis) 5. Hammam (Bath/Hammam) 6. Takmeed (Fomentation) 7. Amale kai (Cauterization) 8. Abzan (Sitz bath) 9. Qai (Emesis) 10. Shamoom (Aroma Therapy) 11. Huqna (Enema) 12. Natool (Irrigation/Hydration) 13. Saoot (Nasal drop) 14. Lakhlakha (Inhalation) 15. Zimaad wa Tila (Paste/Liniment) 16. Pashoya (Foot bath) 17. Gharghara (Gargle) 18. Mazmaza (Mouthwash) 19. Tadheen (Oil Massage/Knead) 20. Ilaam (Counter Irritant) 21. Bakhoor wa Inkebab (Vaporization/Steam inhalation).

Paper- 5 :

GENERAL STUDIES

(A) LANGUAGES :-

(i) Spoken English, Introduction to English Literature, Basics of Arabic, Spoken & Written Urdu.

(B) ALTERNATIVE THERAPEUTICAL SKILLS :-

(i) Introduction to Physiotherapy, Emergency Life Support basics, Introduction to Nursing care, Inter personal relationship skills, Patient care skills.

