

THIRUVALLUVAR UNIVERSITY
SERKKADU, VELLORE – 632 115



CERTIFICATE AND DIPLOMA IN UNANI

w.e.f the academic year 2020-2021

**SYLLABUS AND REGULATIONS
FOR UNIVERSITY DEPARTMENT**

**Thiruvalluvar University, Vellore – 632 115,
Certificate and Diploma Programme**

CERTIFICATE AND DIPLOMA IN UNANI

Semester	Paper Type	Credits	Hrs of Teaching	Practical Hrs	Seminar, Workshop, etc.,	Exam Hrs	Total Marks Maximum		
							Internal	External	Total
I	Core – 1 Mubadiyat-e-Tib (Basic Principles of Unani Medicine)	4	4	0	1	3	25	75	100
	Core – 2 Tashreeh Ul Badan (Human Anatomy)	4	4	0	1	3	25	75	100
	Core – 3 Munafe-Ul-Aza (Physiology)	4	4	0	1	3	25	75	100
	Practical – 1 Basic Principles of Unani Medicine	3	3	2	0	3	25	75	100
	Practical – 2 Human Anatomy	3	3	2	0	3	25	75	100
	Practical – 3 Physiology	3	3	2	0	3	25	75	100
	Mini Project	5	0	0	0	0	25	75	100
	Total	26	21	6	3		175	525	700
II	Core – 4 Ilaj Bit Tadbeer Umoomi	4	4	0	1	3	25	75	100
	Core – 5 Ilaj Bit Tadbeer Khusoosi	4	4	0	1	3	25	75	100
	Practical – 4	3	3	2	1	3	25	75	100
	Practical – 5	3	3	2	1	3	25	75	100
	Project	5	0	0	4	0	25	75	100
	Total	19	14	4	6		100	300	400
	Grand Total	45				30		1100	1100

Note:

- On completion of Semester I, Certificate Course shall be awarded
- On Completion of Semester I and II, Diploma course shall be awarded.

SEMESTER - I

PAPER - 1

Mubadiyat-e-Tib (Basic Principles of Unani Medicine)

Introduction: Definition of Ilme Tib (Medicine) Definition of Tabiya't (Physis) and its functions, Definition and importance of Umoore Tabeiyah (Principles of Physis), Number of Umoore Tabeiyah with their brief description

Arkan: Definition of Arkan or Anasir (Elements), Concept of Arkane Arba (Four Elements), Properties of the Arkan (Elements) and their significance

Mizaj: Definition of Mizaj (Temperament), Classification of the Mizaj, Sue Mizaj, Hararate Ghariziah, Mizaje Asnan (Temperament of different ages)

Akhlat: Definition of Akh'lat (Humours) and their general description, Description and discussion of Akhlate Arba' (Four Humours), Description, classification and Functions of Dam, Balgham, Safra and Sauda

Aza: Definition and Classification of Aza, Aza-e-Mufrada and Murakkaba

Arwah: General description of Ruh with classification, Functions of Ruh and its routes, Concept of Ruh (Pneuma) according to different Unani Scholars

Quwa: Definition of Quwa (Powers or Faculties) with classification and functions,

Af'aal: Definition and classification of Af'aal (functions) according to Quwa (Powers)

Practical

Record book has to be maintained by the students and will be submitted at the time of Practical Examination duly signed by the concerned Teacher

PAPER – 2

TASHREEH UL BADAN (HUMAN ANATOMY)

Introduction of Anatomy

A brief description of all systems of the body, Anatomical position and related terminologies

Head, Neck and Brain

Cranial and facial bones, Cervical Vertebrae, Muscles, Vessels and nerves of head, Muscles of the Neck, Vessels and nerves of neck, Cranial and Spinal nerves

Thorax and Abdomen

Ribs, Sternum and Thoracic Vertebrae, Lumbar vertebrae Muscles of the Thorax, Anatomy of Lungs and Heart, Abdominal regions, Abdominal wall, Abdominal viscera

Upper Limb and Lower Limb

Bones, Muscles and Joints of Upper and Lower limbs, Vessels and Nerves of Upper & Lower limbs

Anatomy - Practical

Record book has to be maintained by the students and will be submitted at the time of Practical Examination duly signed by the concerned Teacher

Demonstration of bones and skeleton by models, charts and specimens

Demonstration of the parts of Body on models

PAPER - 3

MUNAFE-UL AZA (PHYSIOLOGY)

Introduction: Definition of Physiology, Common Terminologies of physiology

Cell and Tissue: Definition of Cell, Microscopic structure of cell, Functions of cell, Tissues: definition & types

Blood and Circulatory System: Haemopoietic System, Definition, Functions, Blood volume, composition of blood, blood coagulation, clotting-time, bleeding time, Anatomical study of Cardio Vascular System, Systemic & Pulmonary Blood circulation, blood pressure and its physiological factors, different methods of blood pressure measurement, circulation of Lymph

Digestive System and Metabolism: Introduction of digestive system, Digestion & absorption of Carbohydrates, Proteins and Fats, Definition of Metabolism, Basal Metabolic Rate

Respiratory System: Introduction of the various respiratory organs, functions of respiratory system

Excretory system: Study of the organs of urinary system, structure and functions of kidney

Skin: Structure of skin, functions of skin

Nervous system: General principles of nervous system

Physiology- Practical

Estimation of haemoglobin, estimation of erythrocyte sedimentation rate, estimation of clotting & bleeding time, total leucocyte count, differential leucocyte count, estimation of blood sugar, blood grouping, examination & estimation of sugar, albumin, acetone, bile salts and bile pigments in the urine.

Books

S. No	Name of Book	Author's Name
1.	Essential of Medical Physiology	Sambulinghalm
2.	Medical Physiology	Guyton
3	Principles of Anatomy and Physiology	Tortora GE
4	Kulliyate Asri	Ishtiyah Ahmad

SEMESTER - II
PAPER – 4
ILAJBITTADBEERUMOOMI

Introduction of Asbab Sittah Zarooriyah — (Six Essential Factors)

Tadabeer of Hawa-e-Muheet

Tadabeer-e-Makool wa Mashroob (Food and Drinks):

Makool (Food): General description of Ghiza (food) and its classification and related tadabeer

Taqleel-e Ghiza: Indication, contraindication, advantages

Takseer-e Ghiza: Indication, contraindication, advantages

Tark-e Ghiza: Indication, contraindication, advantages

Mashroob (Drinks): General description of Mashroob (drinks), their tadabeer.

Tadabeer-e Harkat wa Sukune Badani (Regimen for Physical or bodily movement and repose)

Harkat-e -Badani (Physical or Bodily movement)-Introduction and Types of Riyazat (Exercises) & Dalk (Massage), Effects of exercise & Massage, indications and contraindications

Sukun-e-Badani (Repose): Need and importance of rest for maintaining and restoring health.

Tadabeer-e Harkat wa Sukun Nafsani: (Regimen for psychic movement and repose)

Tadabeer-e-Naum wa-Yaqzah (Sleep & Wakefulness)

Tadabeer-e-Ihtibas wa Istifragh (Retention and Evacuation)

Ihtibas (Retention): General consideration of Ahtibas and its scope

Istifragh (Evacuation): General Consideration of Istifragh, Sharait wa usool-e-Istifragh, Indications, Contraindications

SEMESTER - II

PAPER - 5

ILAJ BIT TADBEER KHUSOOSI

Usoole Istifragh wa Tanqiya: General consideration of Istifragh, its scope and types

Qai (Emesis): Introduction, Definition, aims and objectives, Indications, Contraindications

Is'haal (Purgation): Introduction, Definitions, Principles, Classification, Indications and Contraindications,

Huqna (Enema): Definition, Principles, Aims, Objectives, Classification, Procedure, Indications and Contraindications

Tanfess (Expectoration): Definition, principles, aims, Objectives, Procedure, Indications and Contraindications

Idrar-e Baul (Diuresis): Introduction, Definitions, Scopes and objectives, Indications and Contraindications

Tareeq (Diaphoresis / Sweating): Definition, Aims and Scopes, Methods and Procedures, Indications and contraindications, adverse effects of Tareeq

Fasd (Phlebotomy or Venesection): Definition, Description of Vessels of Venesection, Procedure, Indications and Contraindications, Precautions & Complications

Irsale Alaq (Leeching): Definition, Description of Leeches, Leeching procedure/application and removal of leech, Precautions, Indications and contraindications,

Hijamah (Cupping Therapy): Introduction & Definition, Types of cupping, Sites, Indications, Contraindications, Timings, Therapeutic effects, Instruments care, complications and their management.

Dalk (Massage): Definition, scopes, Principles and Objectives, Classification of Dalk

Hammam (Turkish Bath) : Definition, Principles, Objectives, Types of Hammam / Classification, Specifications and properties of Hammam rooms and their importance, indications, Contraindications and effects of Hammam

Takmeed (Fomentation): Definition, types, Indications, Contraindications

Riyazat (Exercise): Definition, Scope and Objectives, Principles, Types, Therapeutic importance, Indications, Contraindications

Mutafarriq Tadabeer (Miscellaneous Regimenal Therapies): Lakhlakha, Shamoom, / Nushooq, Saoot (Aroma therapy), Inkebab (Steam inhalation), Ta'tees (Sternutation/Sneezing), Nutool, Aabzan, Pashoya