

COURSE TITLE: ANATOMY**STUDY HOURS: 120+40****PAPER : 1**
TERM : 1ST**MARKS**
THEORY: 60
PRACTICAL: 15
TIME: 2.30 HRS

The depth of the subject will only be diagram , labeling of the diagram. And brief introduction.

Course Contents	STUDY HOURS (THEORY+PRACTICAL)
A Introduction	3+2
A1 Anatomical terms	
A2 Anatomical positions	
B The study of human cell and functions of organelles, Nucleus, DNA helix, RNA, genetic codes Chromosomes.	
B1 Cell Division	3+2
B2 Mitosis and Meiosis of cell	
C BASIC TISSUES	3+2
C1 Different Types of tissues.	
C2 Connective tissues.	
C3 Epithelial tissues.	
C4 Muscle tissues.	
C5 Nervous tissues.	
C6 Blood tissues.	
D The Skeleton	18+4
D1 Definition of bone	
D2 Types	
D3 Name of bones (the skull, face, thorax, vertebral Colum, pelvis upper limb and lower limb	
D4 Diagram and labeling the following individual bones. Clavicle, scapula, hummers, radius, ulna, sternum, rib, vertebra, pelvis, femur, and tibia.	
E The Joints	6+2
E1 Definition	
E2 Type	
E3 upper and lower limb joints and there movement.	
F Muscular system	12+6
F1 Definition	
F2 Types	
F3 Important Muscles Name of upper and lower limb.	
G The Gastro Intestinal Systems	

15+2

- G1 Mouth
- G2 Pharynx
- G3 Esophagus
- G4 Stomach
- G5 Small Intestine
- G6 Large Intestine
- G7 Accessory organs (Liver, Spleen, Pancreas & Gall Bladder)

H Respiratory System

6+4

- H1 Organs of respiration
- H2 Upper respiratory tract
- H3 Lower respiratory tract

I The circulatory system

9+2

- I1 Structure of heart. Different chambers of heart, main arteries arising from the heart
- I2 Main veins of the heart, branches of arch of aorta, Thoracic aorta, abdominal aorta.
- I3 Main vessels of upper and lower limbs.

K The Nervous System

15+4

- K1 Introduction to
CNS central nervous system and Peripheral Nervous System
- K2 Name different part of brain with short discretion.
Cerebrum, Cerebellum, Mid Brain, pons and medulla oblongata,
- K3 Name of cranial nerves
- K4 Name of upper and lower limb nerves

L The urinary system

4+2

- L1 Structure of kidney, urethra, urinary bladder, prostate gland and ureter
- L2 Differences of right and left kidneys.

M The Reproductive System

9+2

- M1 Name of Male reproductive system with short description.
- M2 Name of Female Reproductive System with short description.

N The Endocrine Gland

9+4

- Short description and position of: -
- N1 Pituitary gland
- N2 Thyroid gland
- N3 Parathyroid gland
- N4 Adrenal gland

O The Skin

3+2

- O1 Epidermis
- O2 Dermis
- O3 Sebaceous glands

O4 Nails

P The Special Senses: 6+2

P1 Brief anatomy of eye. Three coats/ layers of eyeball.

P2 Brief anatomy of ear Outer, middle and inner ear,
nose-inner and outer, Tongue, salivary glands,

Recommended book: Foundation of Anatomy and Physiology by
Kathleen Wilson.
Anatomy and Physiology for nurses by Roger
Watson

Reference Book Clinical Anatomy by Richard Snell