

AmbujaNeotia



**THE NEOTIA
UNIVERSITY**

ज्ञानम् आत्म प्रदीपाय

UGC Enlisted & Recognised

**Department of Medical Laboratory
Technology**

School of Health Science

**Bachelor of Medical Laboratory
Technology**

(BMLT)

Anatomy

Practical Manual

Course Code: BPT 191

Certificate

This is to certify that Mr./Ms. with
UID number of Bachelor of
Physiotherapy Semester 3rd has satisfactorily completed the practical prescribed by
the Neotia University for the year

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Signature of Student

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Signature of Faculty

Date of Submission:

The Neotia University

Practical Manual
Anatomy I Course Code-171

SL no	Items of the Practical Anatomy:
1	Identification and description of all Anatomical structures.
2	The learning of Anatomy is by demonstration only through dissected parts ,slides models charts etc.
3	Demonstration of dissected parts : Upper Extremity ie Pectorl region, Axilla, Arm,Cubital fossa, Palm, & Lower extremity i.e. Gluteal region, Popliteal fossa, Femoral triangle, Front & back of thigh, Popliteal fossa, Back of leg(Calf muscle), Front of leg(Anterior tibial & eroneal muscle),Femoral triangle, adductor canal,Quadriceps femoris muscle,Sole.
4	Demonstration of skeleton: Articulated and Nonarticulated skeleton i.e .study of bones individually(Bones of superior & Inferior Extremity: Clavicle,Scapula,Humerus,Radius ,Ulna Carpal bones(8)&,Hip bone,Femur, Tibia,Fibula, Tarsal bones,and Vertebra ,Ribs). More emphasis will be given on study of bones with joints& muscles with their origin,insertion. nerve supply ,action and Nerve supply of superior & Inferior Extremity (Radial N.,Ulnar N,Median N, Musculocutaneous N,& Sciatic N,Tibial N,Common peroneal N,Femoral N, Obturator N) with their distribution and arteries & Veins of limbs (Subclavian Art,Axillary art., Brachial Art., Radial & Ulnar Art.,/ Femoral art,Popliteal art,Anterior tibial & Dorsalis pedis art.,Posterior tibial art;and. Great & Small saphenous ,Popliteal ,Femoral Vein,/ Cephalic Vein, Basalic Vein,median cubital vein.)
5	Surface anatomy: Surface landmarks of major nerves of limbs(Radial N.,Ulnar N,Median N, Sciatic N, Tibial N,Common peroneal N) and arteries of limbs (Subclavian Art,Axillary art., Brachial Art., Radial & Ulnar Art.,/ Femoral art,Popliteal art& Dorsalis pedis art).
6	Points of Palpation : Arteries(Radial art.,Femoral artery,Dorsalis pedis artery for detection of pulse) & Nerves(Ulnar & Sciatic N,Common peroneal N)
7	Microanatomy: Histology of Bones(Compact bone,Spongy bone),cartilage(Hyaline,yellow elastic and fibrocartilage),tissues i.eEpithelial,Muscular(smooth,skeletal&cardiac),Connective&Nervous tissues
8	Radiological study: Bones & joints of upper & lower limbs(Shoulder jt., Elbow jt. Wrist jt.,Hip jt.,Knee jt., Ankle jt)
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Reference book: Cunningham's manual of Practical Anatomy , Volume I,II,& III.

NB: All students and teachers must wear an apron, mask ,gloves, and sanitise shoe in sanitary lotion or use separate shoes before entry in the laboratory . Strictly maintain social distance(6 ft. apart from each other) .Bags are not allowed. Use individual instrument after sanitization (Don't share it with other).