

Number	COMPETENCY The student should be able to	Domain K/S/A/C	Level K/KH/ SH/P	Core (Y/N)
AN1.1	Demonstrate normal anatomical position, various planes, relation, comparison, laterality & movement in our body	K/S	SH	Y
AN1.2	Describe composition of bone and bone marrow	K	KH	Y
AN2.1	Describe parts, blood and nerve supply of a long bone	K	KH	Y
AN2.2	Enumerate laws of ossification	K	KH	N
AN2.3	Enumerate special features of a sesamoid bone	K	KH	N
AN2.4	Describe various types of cartilage with its structure & distribution in body	K	KH	Y
AN2.5	Describe various joints with subtypes and examples	K	KH	Y
AN2.6	Explain the concept of nerve supply of joints & Hilton's law	K	KH	Y
AN3.1	Classify muscle tissue according to structure & action	K	KH	Y
AN3.2	Enumerate parts of skeletal muscle and differentiate between tendons and aponeuroses with examples	K	KH	Y
AN3.3	Explain Shunt and spurt muscles	K	KH	N
AN4.1	Describe different types of skin & dermatomes in body	K	KH	N
AN4.2	Describe structure & function of skin with its appendages	K	KH	Y
AN4.3	Describe superficial fascia along with fat distribution in body	K	KH	Y
AN4.4	Describe modifications of deep fascia with its functions	K	KH	Y
AN4.5	Explain principles of skin incisions	K	KH	N
AN5.1	Differentiate between blood vascular and lymphatic system	K	KH	Y
AN5.2	Differentiate between pulmonary and systemic circulation	K	KH	Y
AN5.3	List general differences between arteries & veins	K	KH	Y
AN5.4	Explain functional difference between elastic, muscular arteries and arterioles	K	KH	Y
AN5.5	Describe portal system giving examples	K	KH	Y
AN5.6	Describe the concept of anastomoses and collateral circulation with significance of end-arteries	K	KH	Y
AN5.7	Explain function of meta-arterioles, precapillary sphincters, arterio-venous anastomoses	K	KH	N
AN5.8	Define thrombosis, infarction & aneurysm	K	KH	N
AN6.1	List the components and functions of the lymphatic system	K	KH	N

AN6.2	Describe structure of lymph capillaries & mechanism of lymph circulation	K	KH	N
AN6.3	Explain the concept of lymphoedema and spread of tumors via lymphatics and venous system	K	KH	N
AN7.1	Describe general plan of nervous system with components of central, peripheral & autonomic nervous systems	K	KH	Y
AN7.2	List components of nervous tissue and their functions	K	KH	Y
AN7.3	Describe parts of a neuron and classify them based on number of neurites, size & function	K	KH	Y
AN7.4	Describe structure of a typical spinal nerve	K	KH	Y
AN7.5	Describe principles of sensory and motor innervation of muscles	K	KH	N
AN7.6	Describe concept of loss of innervation of a muscle with its applied anatomy	K	KH	Y
AN7.7	Describe various type of synapse	K	KH	N
AN7.8	Describe differences between sympathetic and spinal ganglia	K	KH	N
AN8.1	Identify the given bone, its side, important features & keep it in anatomical position	K/S	SH	Y
AN8.2	Identify & describe joints formed by the given bone	K/S	SH	Y
AN8.3	Enumerate peculiarities of clavicle	K	KH	Y
AN8.4	Demonstrate important muscle attachment on the given bone	K/S	SH	Y
AN8.5	Identify and name various bones in articulated hand, Specify the parts of metacarpals and phalanges and enumerate the peculiarities of pisiform	K/S	SH	Y
AN8.6	Describe scaphoid fracture and explain the anatomical basis of avascular necrosis	K	KH	N
AN9.1	Describe attachment, nerve supply & action of pectoralis major and pectoralis minor	K	KH	Y
AN9.2	Breast: Describe the location, extent, deep relations, structure, age changes, blood supply, lymphatic drainage, microanatomy and applied anatomy of breast	K	KH	Y
AN9.3	Describe development of breast	K	KH	N
AN10.1	Identify & describe boundaries and contents of axilla	K/S	SH	Y
AN10.2	Identify, describe and demonstrate the origin, extent, course, parts, relations and branches of axillary artery & tributaries of vein	K/S	SH	Y

AN10.3	Describe, identify and demonstrate formation, branches, relations, area of supply of branches, course and relations of terminal branches of brachial plexus	K/S	SH	Y
AN10.4	Describe the anatomical groups of axillary lymph nodes and specify their areas of drainage	K	KH	Y
AN10.5	Explain variations in formation of brachial plexus	K	KH	Y
AN10.6	Explain the anatomical basis of clinical features of Erb's palsy and Klumpke's paralysis	K	KH	N
AN10.7	Explain anatomical basis of enlarged axillary lymph nodes	K	KH	N
AN10.8	Describe, identify and demonstrate the position, attachment, nerve supply and actions of trapezius and latissimus dorsi	K/S	SH	Y
AN10.9	Describe the arterial anastomosis around the scapula and mention the boundaries of triangle of auscultation	K	KH	N
AN10.10	Describe and identify the deltoid and rotator cuff muscles	K/S	SH	Y
AN10.11	Describe & demonstrate attachment of serratus anterior with its action	K/S	SH	Y
AN10.12	Describe and demonstrate shoulder joint for– type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements, muscles involved, blood supply, nerve supply and applied anatomy	K/S	SH	Y
AN10.13	Explain anatomical basis of Injury to axillary nerve during intramuscular injections	K	KH	N
AN11.1	Describe and demonstrate muscle groups of upper arm with emphasis on biceps and triceps brachii	K/S	SH	Y
AN11.2	Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels in arm	K/S	SH	Y
AN11.3	Describe the anatomical basis of Venepuncture of cubital veins	K	KH	Y
AN11.4	Describe the anatomical basis of Saturday night paralysis	K	KH	Y

AN11.5	Identify & describe boundaries and contents of cubital fossa	K/S	SH	Y
AN11.6	Describe the anastomosis around the elbow joint	K	KH	N
AN12.1	Describe and demonstrate important muscle groups of ventral forearm with attachments, nerve supply and actions	K/S	SH	Y
AN12.2	Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels of forearm	K/S	SH	Y
AN12.3	Identify & describe flexor retinaculum with its attachments	K/S	SH	Y
AN12.4	Explain anatomical basis of carpal tunnel syndrome	K	KH	Y
AN12.5	Identify & describe small muscles of hand. Also describe movements of thumb and muscles involved	K/S	SH	Y
AN12.6	Describe & demonstrate movements of thumb and muscles involved	K/S	SH	Y
AN12.7	Identify & describe course and branches of important blood vessels and nerves in hand	K/S	SH	Y
AN12.8	Describe anatomical basis of Claw hand	K	KH	Y
AN12.9	Identify & describe fibrous flexor sheaths, ulnar bursa, radial bursa and digital synovial sheaths	K/S	SH	Y
AN12.10	Explain infection of fascial spaces of palm	K	KH	N
AN12.11	Identify, describe and demonstrate important muscle groups of dorsal forearm with attachments, nerve supply and actions	K/S	SH	Y

AN12.12	Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels of back of forearm	K/S	SH	Y
AN12.13	Describe the anatomical basis of Wrist drop	K	KH	Y
AN12.14	Identify & describe compartments deep to extensor retinaculum	K/S	SH	Y
AN12.15	Identify & describe extensor expansion formation	K/S	SH	Y
AN13.1	Describe and explain Fascia of upper limb and compartments, veins of upper limb and its lymphatic drainage	K	KH	Y
AN13.2	Describe dermatomes of upper limb	K	KH	N
AN13.3	Identify & describe the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements, blood and nerve supply of elbow joint, proximal and distal radio-ulnar joints, wrist joint & first carpometacarpal joint	K/S	SH	Y
AN13.4	Describe Sternoclavicular joint, Acromioclavicular joint, Carpometacarpal joints & Metacarpophalangeal joint	K	KH	N
AN13.5	Identify the bones and joints of upper limb seen in anteroposterior and lateral view radiographs of shoulder region, arm, elbow, forearm and hand	K/S	SH	Y
AN13.6	Identify & demonstrate important bony landmarks of upper limb: Jugular notch, sternal angle, acromial angle, spine of the scapula, vertebral level of the medial end, Inferior angle of the scapula	K/S	SH	Y
AN13.7	Identify & demonstrate surface projection of: Cephalic and basilic vein, Palpation of Brachial artery, Radial artery, Testing of muscles: Trapezius, pectoralis major, serratus anterior, latissimus dorsi, deltoid, biceps brachii, Brachioradialis	K/S	SH	Y
AN13.8	Describe development of upper limb	K	KH	N
AN14.1	Identify the given bone, its side, important features & keep it in anatomical position	K/S	SH	Y
AN14.2	Identify & describe joints formed by the given bone	K/S	SH	Y
AN14.3	Describe the importance of ossification of lower end of femur & upper end of tibia	K	KH	Y
AN14.4	Identify and name various bones in the articulated foot with individual muscle attachment	K/S	SH	N

AN15.1	Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of anterior thigh	K/S	SH	Y
AN15.2	Describe and demonstrate major muscles with their attachment, nerve supply and actions	K/S	SH	Y
AN15.3	Describe and demonstrate boundaries, floor, roof and contents of femoral triangle	K/S	SH	Y
AN15.4	Explain anatomical basis of Psoas abscess & Femoral hernia	K	KH	N
AN15.5	Describe and demonstrate adductor canal with its content	K/S	SH	Y
AN16.1	Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of gluteal region	K/S	SH	Y
AN16.2	Describe anatomical basis of sciatic nerve injury during gluteal intramuscular injections	K	KH	Y
AN16.3	Explain the anatomical basis of Trendelenburg sign	K	KH	Y
AN16.4	Describe and demonstrate the hamstrings group of muscles with their attachment, nerve supply and actions	K/S	SH	Y
AN16.5	Describe and demonstrate the origin, course, relations, branches (or tributaries), termination of important nerves and vessels on the back of thigh	K/S	SH	Y
AN16.6	Describe and demonstrate the boundaries, roof, floor, contents and relations of popliteal fossa	K/S	SH	Y
AN17.1	Describe and demonstrate the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve supply, bursae around the hip joint	K/S	SH	Y
AN17.2	Describe anatomical basis of complications of fracture neck of femur	K	KH	N
AN17.3	Describe dislocation of hip joint and surgical hip replacement	K	KH	N

AN18.1	Describe and demonstrate major muscles of anterolateral compartment of leg with their attachment, nerve supply and actions	K/S	SH	Y
AN18.2	Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of anterior compartment of leg	K/S	SH	Y
AN18.3	Explain the anatomical basis of foot drop	K	KH	Y
AN18.4	Describe and demonstrate the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve supply, bursae around the knee joint	K/S	SH	Y
AN18.5	Explain the anatomical basis of locking and unlocking of the knee joint	K	KH	Y
AN18.6	Describe knee joint injuries with its applied anatomy	K	KH	N
AN18.7	Explain anatomical basis of Osteoarthritis	K	KH	N
AN19.1	Describe and demonstrate the major muscles of back of leg with their attachment, nerve supply and actions	K/S	SH	Y
AN19.2	Describe and demonstrate the origin, course, relations, branches (or tributaries), termination of important nerves and vessels of back of leg	K/S	SH	Y
AN19.3	Explain the concept of "Peripheral heart"	K	KH	Y
AN19.4	Explain the anatomical basis of rupture of calcaneal tendon	K	KH	N
AN19.5	Describe factors maintaining importance arches of the foot with its importance	K	KH	Y
AN19.6	Explain the anatomical basis of Flat foot & Club foot	K	KH	N
AN19.7	Explain the anatomical basis of Metatarsalgia & Plantar fasciitis	K	KH	N
AN20.1	Describe and demonstrate the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve supply of tibiofibular and ankle joint	K/S	SH	Y
AN20.2	Describe the subtalar and transverse tarsal joints	K	KH	N
AN20.3	Describe and demonstrate Fascia lata, Venous drainage, Lymphatic drainage, Retinacula & Dermatomes of lower limb	K/S	SH	Y

AN20.4	Explain anatomical basis of enlarged inguinal lymph nodes	K	KH	N
AN20.5	Explain anatomical basis of varicose veins and deep vein thrombosis	K	KH	Y
AN20.6	Identify the bones and joints of lower limb seen in anteroposterior and lateral view radiographs of various regions of lower limb	K/S	SH	Y
AN20.7	Identify & demonstrate important bony landmarks of lower limb: - Vertebral levels of highest point of iliac crest, posterior superior iliac spines, iliac tubercle, pubic tubercle, ischial tuberosity, adductor tubercle, -Tibial tuberosity, head of fibula, -Medial and lateral malleoli, Condyles of femur and tibia, sustentaculum tali, tuberosity of fifth metatarsal, tuberosity of the navicular	K/S	SH	Y
AN20.8	Identify & demonstrate palpation of femoral, popliteal, post tibial, anti tibial & dorsalis pedis blood vessels in a simulated environment	K/S	SH	Y
AN20.9	Identify & demonstrate Palpation of vessels (femoral, popliteal,dorsalis pedis,post tibial), Mid inguinal point, Surface projection of: femoral nerve, Saphenous opening, Sciatic, tibial, common peroneal & deep peroneal nerve, Great and small saphenous veins	K/S	SH	Y
AN20.10	Describe basic concept of development of lower limb	K	KH	N
AN21.1	Identify and describe the salient features of sternum, typical rib, 1 st rib and typical thoracic vertebra	K/S	SH	Y
AN21.2	Identify & describe the features of 2 nd , 11 th and 12 th ribs, 1 st , 11 th and 12 th thoracic vertebrae	K/S	SH	N
AN21.3	Describe & demonstrate the boundaries of thoracic inlet, cavity and outlet	K/S	SH	Y
AN21.4	Describe & demonstrate extent, attachments, direction of fibres, nerve supply and actions of intercostal muscles	K/S	SH	Y
AN26.7	Describe the features of the 7 th cervical vertebra	SH	N	DOAP session
AN27.1	Describe the layers of scalp, its blood supply, its nerve supply and surgical importance	KH	Y	Practical, Lecture
AN27.2	Describe emissary veins with its role in spread of infection from extracranial route to intracranial venous sinuses	KH	Y	Lecture

AN28.1	Describe & demonstrate muscles of facial expression and their nerve supply	SH	Y	Practical, Lecture, Small group discussion, DOAP session
AN28.2	Describe sensory innervation of face	KH	Y	Practical, Lecture
AN28.3	Describe & demonstrate origin /formation, course, branches /tributaries of facial vessels	SH	Y	Practical, Lecture, Small group discussion, DOAP session
AN28.4	Describe & demonstrate branches of facial nerve with distribution	SH	Y	Practical, Lecture, Small group discussion, DOAP session
AN28.5	Describe cervical lymph nodes and lymphatic drainage of head, face and neck	KH	Y	Practical, Lecture
AN28.6	Identify superficial muscles of face, their nerve supply and actions	SH	Y	Practical, Lecture, Small group discussion, DOAP session
AN28.7	Explain the anatomical basis of facial nerve palsy	KH	Y	Lecture
AN28.8	Explain surgical importance of deep facial vein	KH	Y	Lecture
AN28.9	Describe & demonstrate the parts, borders, surfaces, contents, relations and nerve supply of parotid gland with course of its duct and surgical importance	SH	Y	Practical, Lecture, Small group discussion, DOAP session

AN28.10	Explain the anatomical basis of Frey's syndrome	KH	N	Lecture
AN29.1	Describe & demonstrate attachments, nerve supply, relations and actions of sternocleidomastoid	SH	Y	Practical, Lecture, Small group discussion, DOAP session
AN29.2	Explain anatomical basis of Erb's & Klumpke's palsy	KH	Y	Lecture
AN29.3	Explain anatomical basis of wry neck	KH	N	Lecture
AN29.4	Describe & demonstrate attachments of 1) inferior belly of omohyoid, 2)scalenus anterior, 3) scalenus medius & 4) levator scapulae	SH	N	Lecture, Practical
AN30.1	Describe the cranial fossae & identify related structures	SH	Y	Practical, Lecture, Small group discussion, DOAP session
AN30.2	Describe & identify major foramina with structures passing through them	SH	Y	Practical, Lecture, Small group discussion, DOAP session
AN30.3	Describe & identify dural folds & dural venous sinuses	SH	Y	Practical, Lecture, Small group discussion, DOAP session
AN30.4	Describe clinical importance of dural venous sinuses	KH	Y	Lecture
AN30.5	Explain effect of pituitary tumours on visual pathway	KH	N	Lecture

AN31.1	Describe & identify extra ocular muscles of eyeball	SH	Y	Practical, Lecture, Small group discussi on, DOAP session
AN31.2	Describe & demonstrate nerves and vessels in the orbit	SH	Y	Practical, Lecture, Small group discussi on, DOAP session
AN31.3	Describe anatomical basis of Horner's syndrome	KH	N	Lecture
AN31.4	Enumerate components of lacrimal apparatus	KH	Y	Lecture
AN31.5	Explain the anatomical basis of oculomotor, trochlear and abducent nerve palsies along with strabismus	KH	Y	Lecture
AN32.1	Describe boundaries and subdivisions of anterior triangle	KH	Y	Practical, Lecture
AN32.2	Describe & demonstrate boundaries and contents of muscular, carotid, digastric and submental triangles	SH	Y	Practical, Lecture, Small group discussi on, DOAP session
AN33.1	Describe & demonstrate extent, boundaries and contents of temporal and infratemporal fossae	SH	Y	Practical, Lecture, Small group discussi on, DOAP session
AN33.2	Describe & demonstrate attachments, direction of fibres, nerve supply and actions of muscles of mastication	SH	Y	Practical, Lecture, Small group discussi on, DOAP session

AN33.3	Describe & demonstrate articulating surface, type & movements of temporomandibular joint	SH	Y	Practical, Lecture, Small group discussion, DOAP session
AN33.4	Explain the clinical significance of pterygoid venous plexus	KH	Y	Lecture
AN33.5	Describe the features of dislocation of temporomandibular joint	KH	N	Lecture
AN34.1	Describe & demonstrate the morphology, relations and nerve supply of submandibular salivary gland & submandibular ganglion	SH	Y	Practical, Lecture, Small group discussion, DOAP session
AN34.2	Describe the basis of formation of submandibular stones	KH	N	Lecture
AN35.1	Describe the parts, extent, attachments, modifications of deep cervical fascia	KH	Y	Lecture
AN35.2	Describe & demonstrate location, parts, borders, surfaces, relations & blood supply of thyroid gland	SH	Y	Practical, Lecture, Small group discussion, DOAP session
AN35.3	Demonstrate & describe the origin, parts, course & branches subclavian artery	SH	Y	Practical, Lecture, Small group discussion, DOAP session
AN35.4	Describe & demonstrate origin, course, relations, tributaries and termination of internal jugular & brachiocephalic veins	SH	Y	Practical, Lecture, Small group discussion, DOAP session

AN35.5	Describe and demonstrate extent, drainage & applied anatomy of cervical lymph nodes	SH	Y	Practical, Lecture, Small group discussion, DOAP session
AN35.6	Describe and demonstrate the extent, formation, relation & branches of cervical sympathetic chain	SH	Y	Practical, Lecture, Small group discussion, DOAP session
AN35.7	Describe the course and branches of IX, X, XI & XII nerve in the neck	KH	Y	Lecture
AN35.8	Describe the anatomically relevant clinical features of Thyroid swellings	KH	N	Lecture
AN35.9	Describe the clinical features of compression of subclavian artery and lower trunk of brachial plexus by cervical rib	KH	N	Lecture
AN35.10	Describe the fascial spaces of neck	KH	N	Lecture
AN36.1	Describe the 1) morphology, relations, blood supply and applied anatomy of palatine tonsil 2) composition of soft palate	KH	Y	Lecture
AN36.2	Describe the components and functions of Waldeyer's lymphatic ring	KH	Y	Lecture
AN36.3	Describe the boundaries and clinical significance of pyriform fossa	KH	N	Lecture
AN36.4	Describe the anatomical basis of tonsillitis, tonsillectomy, adenoids and peri-tonsillar abscess	KH	N	Lecture
AN36.5	Describe the clinical significance of Killian's dehiscence	KH	N	Lecture
AN37.1	Describe & demonstrate features of nasal septum, lateral wall of nose, their blood supply and nerve supply	SH	Y	Practical, Lecture, Small group discussion, DOAP session
AN37.2	Describe location and functional anatomy of paranasal sinuses	KH	Y	Lecture
AN37.3	Describe anatomical basis of sinusitis & maxillary sinus tumours	KH	N	Lecture

AN38.1	Describe the morphology, identify structure of the wall, nerve supply, blood supply and actions of intrinsic and extrinsic muscles of the larynx	SH	Y	Practical, Lecture, Small group discussion, DOAP session
AN38.2	Describe the anatomical aspects of laryngitis	KH	N	Lecture
AN38.3	Describe anatomical basis of recurrent laryngeal nerve injury	KH	N	Lecture
AN39.1	Describe & demonstrate the morphology, nerve supply, embryological basis of nerve supply, blood supply, lymphatic drainage and actions of extrinsic and intrinsic muscles of tongue	SH	Y	Practical, Lecture, Small group discussion, DOAP session
AN39.2	Explain the anatomical basis of hypoglossal nerve palsy	KH	N	Lecture
AN40.1	Describe & identify the parts, blood supply and nerve supply of external ear	SH	Y	Practical, Lecture, Small group discussion, DOAP session
AN40.2	Describe & demonstrate the boundaries, contents, relations and functional anatomy of middle ear and auditory tube	SH	Y	Practical, Lecture, Small group discussion, DOAP session
AN40.3	Describe the features of internal ear	KH	N	Lecture
AN40.4	Explain anatomical basis of otitis externa and otitis media	KH	N	Lecture
AN40.5	Explain anatomical basis of myringotomy	KH	N	Lecture
AN41.1	Describe & demonstrate parts and layers of eyeball	SH	Y	Practical, Lecture, Small group discussion, DOAP session
AN41.2	Describe the anatomical aspects of cataract, glaucoma & central retinal artery occlusion	KH	N	Lecture

AN41.3	Describe the position, nerve supply and actions of intraocular muscles	KH	N	Lecture
AN42.1	Describe the contents of the vertebral canal	SH	Y	Practical, Lecture, Small group discussion, DOAP session
AN42.2	Describe & demonstrate the boundaries and contents of Suboccipital triangle	SH	Y	Practical, Lecture, Small group discussion, DOAP session
AN42.3	Describe the position, direction of fibres, relations, nerve supply, actions of semispinalis capitis and splenius capitis	KH	N	Lecture
AN43.1	Describe & demonstrate the movements with muscles producing the movements of atlantooccipital joint & atlantoaxial joint	SH	Y	Practical, Lecture, Small group discussion, DOAP session
AN43.2	Identify, describe and draw the microanatomy of pituitary gland, thyroid, parathyroid gland, tongue, salivary glands, tonsil, epiglottis, cornea, retina	SH	Y	Lecture, Practical
AN43.3	Identify, describe and draw microanatomy of olfactory epithelium, eyelid, lip, sclero-corneal junction, optic nerve, cochlea- organ of corti, pineal gland	SH	N	Lecture, Practical
AN43.4	Describe the development and developmental basis of congenital anomalies of face, palate, tongue, branchial apparatus, pituitary gland, thyroid gland & eye	KH	Y	Lecture
AN43.5	Demonstrate- 1) Testing of muscles of facial expression, extraocular muscles, muscles of mastication, 2) Palpation of carotid arteries, facial artery, superficial temporal artery, 3) Location of internal and external jugular veins, 4) Location of hyoid bone, thyroid cartilage and cricoid cartilage with their vertebral levels	SH	Y	Practical
AN43.6	Demonstrate surface projection of- Thyroid gland, Parotid gland and duct, Pterion, Common carotid artery, Internal jugular vein, Subclavian vein, External jugular vein, Facial artery in the face & accessory nerve	SH	N	Practical
AN43.7	Identify the anatomical structures in 1) Plain x-ray skull, 2) AP view and lateral view 3) Plain x-ray cervical spine-AP and lateral view 4) Plain x- ray of paranasal sinuses	SH	Y	Practical

AN43.8	Describe the anatomical route used for carotid angiogram and vertebral angiogram	SH	N	Practical
AN43.9	Identify anatomical structures in carotid angiogram and vertebral angiogram	SH	N	Practical
AN44.1	Describe & demonstrate the Planes (transpyloric, transtuberular, subcostal, lateral vertical, linea alba, linea semilunaris), regions & Quadrants of abdomen	SH	Y	Practical, Lecture, Small group discussion, DOAP session
AN44.2	Describe & identify the Fascia, nerves & blood vessels of anterior abdominal wall	SH	Y	Practical, Lecture, Small group discussion, DOAP session
AN44.3	Describe the formation of rectus sheath and its contents	KH	Y	Lecture
AN44.4	Describe & demonstrate extent, boundaries, contents of Inguinal canal including Hesselbach's triangle.	SH	Y	Practical, Lecture, Small group discussion, DOAP session
AN44.5	Explain the anatomical basis of inguinal hernia.	KH	Y	Lecture
AN44.6	Describe & demonstrate attachments of muscles of anterior abdominal wall	SH	Y	Practical, Lecture, Small group discussion, DOAP session
AN44.7	Enumerate common Abdominal incisions	KH	N	Lecture
AN45.1	Describe Thoracolumbar fascia	KH	Y	Lecture

AN45.2	Describe & demonstrate Lumbar plexus for its root value, formation & branches	SH	Y	Practical, Lecture, Small group discussion, DOAP session
AN45.3	Mention the major subgroups of back muscles, nerve supply and action	KH	N	Lecture
AN46.1	Describe & demonstrate coverings, internal structure, side determination, blood supply, nerve supply, lymphatic drainage & descent of testis with its applied anatomy	SH	Y	Practical, Lecture, Small group discussion, DOAP session
AN46.2	Describe parts of Epididymis	KH	Y	Lecture, Practical
AN46.3	Describe Penis under following headings: (parts, components, blood supply and lymphatic drainage)	KH	Y	Lecture, Practical
AN46.4	Explain the anatomical basis of Varicocele	KH	N	Lecture
AN46.5	Explain the anatomical basis of Phimosis & Circumcision	KH	N	Lecture
AN47.1	Describe & identify boundaries and recesses of Lesser & Greater sac	SH	Y	Practical, Lecture, Small group discussion, DOAP session
AN47.2	Name & identify various peritoneal folds & pouches with its explanation	SH	Y	Practical, Lecture, Small group discussion, DOAP session
AN47.3	Explain anatomical basis of Ascites & Peritonitis	KH	N	Lecture
AN47.4	Explain anatomical basis of Subphrenic abscess	KH	N	Lecture

AN47.5	Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)	SH	Y	Practical, Lecture, Small group discussion, DOAP session
AN47.6	Explain the anatomical basis of Splenic notch, Accessory spleens, Kehr's sign, Different types of vagotomy, Liver biopsy (site of needle puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach	KH	N	Lecture
AN47.7	Mention the clinical importance of Calot's triangle	KH	N	Lecture
AN47.8	Describe & identify the formation, course relations and tributaries of Portal vein, Inferior vena cava & Renal vein	SH	Y	Practical, Lecture, Small group discussion, DOAP session
AN47.9	Describe & identify the origin, course, important relations and branches of Abdominal aorta, Coeliac trunk, Superior mesenteric, Inferior mesenteric & Common iliac artery	SH	Y	Practical, Lecture, Small group discussion, DOAP session
AN47.10	Enumerate the sites of portosystemic anastomosis	KH	Y	Lecture
AN47.11	Explain the anatomic basis of hematemesis & caput medusae in portal hypertension	KH	Y	Lecture,
AN47.12	Describe important nerve plexuses of posterior abdominal wall	KH	N	Lecture
AN47.13	Describe & demonstrate the attachments, openings, nerve supply & action of the thoracoabdominal diaphragm	SH	Y	Practical, Lecture, Small group discussion, DOAP session
AN47.14	Describe the abnormal openings of thoracoabdominal diaphragm and diaphragmatic hernia	KH	N	Lecture

AN48.1	Describe & identify the muscles of Pelvic diaphragm	SH	Y	Practical, Lecture, Small group discuss ion, DOAP session
AN48.2	Describe & demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of) important male & female pelvic viscera	SH	Y	Practical, Lecture, Small group discuss ion, DOAP session
AN48.3	Describe & demonstrate the origin, course, important relations and branches of internal iliac artery	SH	Y	Practical, Lecture, Small group discuss ion, DOAP session
AN48.4	Describe the branches of sacral plexus	KH	Y	Lecture
AN48.5	Explain the anatomical basis of suprapubic cystostomy, Urinary obstruction in benign prostatic hypertrophy, Retroverted uterus, Prolapse uterus, Internal and external haemorrhoids, Anal fistula, Vasectomy, Tubal pregnancy & Tubal ligation	KH	N	Lecture
AN48.6	Describe the neurological basis of Automatic bladder	KH	N	Lecture
AN48.7	Mention the lobes involved in benign prostatic hypertrophy & prostatic cancer	KH	N	Lecture
AN48.8	Mention the structures palpable during vaginal & rectal examination	KH	N	Lecture
AN49.1	Describe & demonstrate the superficial & deep perineal pouch (boundaries and contents)	SH	Y	Practical, Lecture, Small group discuss ion, DOAP session

AN49.2	Describe & identify Perineal body	SH	Y	Practical, Lecture, Small group discussion, DOAP session
AN49.3	Describe & demonstrate Perineal membrane in male & female	SH	Y	Practical, Lecture, Small group discussion, DOAP session
AN49.4	Describe & demonstrate boundaries, content & applied anatomy of Ischioanal fossa	SH	Y	Practical, Lecture, Small group discussion, DOAP session
AN49.5	Explain the anatomical basis of Perineal tear, Episiotomy, Perianal abscess and Anal fissure	KH	N	Lecture
AN50.1	Describe the curvatures of the vertebral column	KH	Y	Lecture
AN50.2	Describe & demonstrate the type, articular ends, ligaments and movements of Intervertebral joints, Sacroiliac joints & Pubic symphysis	SH	Y	Practical, Lecture, Small group discussion, DOAP session
AN50.3	Describe lumbar puncture (site, direction of the needle, structures pierced during the lumbar puncture)	KH	Y	Lecture
AN50.4	Explain the anatomical basis of Scoliosis, Lordosis, Prolapsed disc, Spondylolisthesis & Spina bifida	KH	N	Lecture
AN51.1	Describe & identify the cross-section at the level of T8, T10 and L1 (transpyloric plane)	SH	Y	Practical, Lecture, Small group discussion, DOAP session

AN51.2	Describe & identify the midsagittal section of male and female pelvis	SH	Y	Practical, Lecture, Small group discussion, DOAP session
AN52.1	Describe & identify the microanatomical features of Gastro-intestinal system: Oesophagus, Fundus of stomach, Pylorus of stomach, Duodenum, Jejunum, Ileum, Large intestine, Appendix, Liver, Gall bladder, Pancreas & Suprarenal gland	SH	Y	Lecture, Practical
AN52.5	Describe the development and congenital anomalies of Diaphragm	KH	Y	Lecture
AN52.6	Describe the development and congenital anomalies of: Foregut, Midgut & Hindgut	KH	Y	Lecture
AN52.7	Describe the development of Urinary system	KH	Y	Lecture
AN52.8	Describe the development of male & female reproductive system	KH	Y	Lecture
AN53.1	Identify & hold the bone in the anatomical position, Describe the salient features, articulations & demonstrate the attachments of muscle groups	SH	Y	Lecture, DOAP session
AN53.2	Demonstrate the anatomical position of bony pelvis & show boundaries of pelvic inlet, pelvic cavity, pelvic outlet	SH	Y	Lecture, DOAP session
AN53.3	Define true pelvis and false pelvis and demonstrate sex determination in male & female bony pelvis	SH	Y	Lecture, DOAP session
AN53.4	Explain and demonstrate clinical importance of bones of abdominopelvic region (sacralization of lumbar vertebra, Lumbarization of 1st sacral vertebra, types of bony pelvis & Coccyx)	SH	N	Lecture, DOAP session
AN54.1	Describe & identify features of plain X ray abdomen	SH	Y	Lecture, DOAP session
AN54.2	Describe & identify the special radiographs of abdominopelvic region (contrast X ray Barium swallow, Barium meal, Barium enema, Cholecystography, Intravenous pyelography & Hysterosalpingography)	SH	Y	Lecture, DOAP session
AN54.3	Describe role of ERCP, CT abdomen, MRI, Arteriography in radiodiagnosis of abdomen	KH	N	Lecture

AN55.1	Demonstrate the surface marking of; Regions and planes of abdomen, Superficial inguinal ring, Deep inguinal ring , McBurney's point, Renal Angle & Murphy's point	SH	Y	Practical, Lecture, Small group discussion, DOAP session
AN55.2	Demonstrate the surface projections of: Stomach, Liver, Fundus of gall bladder, Spleen, Duodenum, Pancreas, Ileocaecal junction, Kidneys & Root of mesentery	SH	Y	Practical, Lecture, Small group discussion, DOAP session
AN56.1	Describe & identify various layers of meninges with its extent & modifications	SH	Y	Practical, Lecture, Small group discussion, DOAP session
AN56.2	Describe circulation of CSF with its applied anatomy	KH	Y	Lecture
AN57.1	Identify external features of spinal cord	SH	Y	Practical, Lecture, Small group discussion, DOAP session
AN57.2	Describe extent of spinal cord in child & adult with its clinical implication	KH	Y	Lecture
AN57.3	Draw & label transverse section of spinal cord at mid-cervical & mid- thoracic level	KH	Y	Lecture
AN57.4	Enumerate ascending & descending tracts at mid thoracic level of spinal cord	KH	Y	Lecture
AN57.5	Describe anatomical basis of syringomyelia	KH	N	Lecture
AN58.1	Identify external features of medulla oblongata	SH	Y	Lecture, DOAP session
AN58.2	Describe transverse section of medulla oblongata at the level of 1) pyramidal decussation, 2) sensory decussation 3) ION	KH	Y	Lecture
AN58.3	Enumerate cranial nerve nuclei in medulla oblongata with their functional group	KH	Y	Lecture

AN58.4	Describe anatomical basis & effects of medial & lateral medullary syndrome	KH	N	Lecture
AN59.1	Identify external features of pons	SH	Y	Lecture, DOAP session
AN59.2	Draw & label transverse section of pons at the upper and lower level	KH	Y	Lecture
AN59.3	Enumerate cranial nerve nuclei in pons with their functional group	KH	Y	Lecture
AN60.1	Describe & demonstrate external & internal features of cerebellum	SH	Y	Practical, Lecture, Small group discussion, DOAP session
AN60.2	Describe connections of cerebellar cortex and intracerebellar nuclei	KH	Y	Lecture
AN60.3	Describe anatomical basis of cerebellar dysfunction	KH	N	Lecture
AN61.1	Identify external & internal features of midbrain	SH	Y	Practical, Lecture, Small group discussion, DOAP session
AN61.2	Describe internal features of midbrain at the level of superior & inferior colliculus	KH	Y	Lecture
AN61.3	Describe anatomical basis & effects of Benedikt's and Weber's syndrome	KH	N	Lecture
AN62.1	Enumerate cranial nerve nuclei with its functional component	KH	Y	Lecture
AN62.2	Describe & demonstrate surfaces, sulci, gyri, poles, & functional areas of cerebral hemisphere	SH	Y	Practical, Lecture, Small group discussion, DOAP session
AN62.3	Describe the white matter of cerebrum	KH	Y	Lecture
AN62.4	Enumerate parts & major connections of basal ganglia & limbic lobe	KH	Y	Lecture
AN62.5	Describe boundaries, parts, gross relations, major nuclei and connections of dorsal thalamus, hypothalamus, epithalamus, metathalamus and subthalamus	KH	Y	Lecture

AN62.6	Describe & identify formation, branches & major areas of distribution of circle of Willis	SH	Y	Practical, Lecture, Small group discussion, DOAP session
AN63.1	Describe & demonstrate parts, boundaries & features of IIIrd, IVth & lateral ventricle	SH	Y	Practical, Lecture, Small group discussion, DOAP session
AN63.2	Describe anatomical basis of congenital hydrocephalus	KH	N	Lecture
AN64.1	Describe & identify the microanatomical features of Spinal cord, Cerebellum & Cerebrum	SH	Y	Lecture, Practical
AN64.2	Describe the development of neural tube, spinal cord, medulla oblongata, pons, midbrain, cerebral hemisphere & cerebellum	KH	Y	Lecture
AN64.3	Describe various types of open neural tube defects with its embryological basis	KH	N	Lecture
AN65.1	Identify epithelium under the microscope & describe the various types that correlate to its function	P	Y	Lecture, Practical
AN65.2	Describe the ultrastructure of epithelium	KH	N	Lecture, Practical
AN66.1	Describe & identify various types of connective tissue with functional correlation	SH	Y	Lecture, Practical
AN66.2	Describe the ultrastructure of connective tissue	KH	N	Lecture, Practical
AN67.1	Describe & identify various types of muscle under the microscope	SH	Y	Lecture, Practical
AN67.2	Classify muscle and describe the structure-function correlation of the same	KH	Y	Lecture, Practical

AN67.3	Describe the ultrastructure of muscular tissue	KH	N	Lecture, Practical
AN68.1	Describe & Identify multipolar & unipolar neuron, ganglia, peripheral nerve	SH	Y	Lecture, Practical
AN68.2	Describe the structure-function correlation of neuron	KH	Y	Lecture, Practical
AN68.3	Describe the ultrastructure of nervous tissue	KH	N	Lecture, Practical
AN69.1	Identify elastic & muscular blood vessels, capillaries under the microscope	SH	Y	Lecture, Practical
AN69.2	Describe the various types and structure-function correlation of blood vessel	KH	Y	Lecture, Practical
AN69.3	Describe the ultrastructure of blood vessels	KH	Y	Lecture, Practical
AN70.1	Identify exocrine gland under the microscope & distinguish between serous, mucous and mixed acini	SH	Y	Lecture, Practical
AN70.2	Identify the lymphoid tissue under the microscope & describe microanatomy of lymph node, spleen, thymus, tonsil and correlate the structure with function	SH	Y	Lecture, Practical
AN71.1	Identify bone under the microscope; classify various types and describe the structure-function correlation of the same	SH	Y	Lecture, Practical
AN71.2	Identify cartilage under the microscope & describe various types and structure- function correlation of the same	SH	Y	Lecture, Practical
AN72.1	Identify the skin and its appendages under the microscope and correlate the structure with function	SH	Y	Lecture, Practical
AN73.1	Describe the structure of chromosomes with classification	KH	Y	Lecture
AN73.2	Describe technique of karyotyping with its applications	KH	Y	Lecture
AN73.3	Describe the Lyon's hypothesis	KH	Y	Lecture
AN74.1	Describe the various modes of inheritance with examples	KH	Y	Lecture

AN74.2	Draw pedigree charts for the various types of inheritance & give examples of diseases of each mode of inheritance	KH	Y	Lecture
AN74.3	Describe multifactorial inheritance with examples	KH	Y	Lecture
AN74.4	Describe the genetic basis & clinical features of Achondroplasia, Cystic Fibrosis, Vitamin D resistant rickets, Haemophilia, Duchene's muscular dystrophy & Sickle cell anaemia	KH	N	Lecture
AN75.1	Describe the structural and numerical chromosomal aberrations	KH	Y	Lecture
AN75.2	Explain the terms mosaics and chimeras with example	KH	N	Lecture
AN75.3	Describe the genetic basis & clinical features of Prader Willi syndrome, Edward syndrome & Patau syndrome	KH	N	Lecture
AN75.4	Describe genetic basis of variation: polymorphism and mutation	KH	Y	Lecture
AN75.5	Describe the principles of genetic counselling	KH	Y	Lecture
AN76.1	Describe the stages of human life	KH	Y	Lecture
AN76.2	Explain the terms- phylogeny, ontogeny, trimester, viability	KH	Y	Lecture
AN77.1	Describe the uterine changes occurring during the menstrual cycle	KH	Y	Lecture
AN77.2	Describe the synchrony between the ovarian and menstrual cycles	KH	Y	Lecture
AN77.3	Describe spermatogenesis and oogenesis along with diagrams	KH	Y	Lecture
AN77.4	Describe the stages and consequences of fertilisation	KH	Y	Lecture
AN77.5	Enumerate and describe the anatomical principles underlying contraception	KH	Y	Lecture
AN77.6	Describe teratogenic influences; fertility and sterility, surrogate motherhood, social significance of "sex-ratio".	KH	N	Lecture
AN78.1	Describe cleavage and formation of blastocyst	KH	Y	Lecture
AN78.2	Describe the development of trophoblast	KH	Y	Lecture
AN78.3	Describe the process of implantation & common abnormal sites of implantation	KH	Y	Lecture

AN78.4	Describe the formation of extra-embryonic mesoderm and coelom, bilaminar disc and prochordal plate	KH	Y	Lecture
AN78.5	Describe in brief abortion; decidual reaction, pregnancy test	KH	Y	Lecture
AN79.1	Describe the formation & fate of the primitive streak	KH	Y	Lecture
AN79.2	Describe formation & fate of notochord	KH	Y	Lecture
AN79.3	Describe the process of neurulation	KH	Y	Lecture
AN79.4	Describe the development of somites and intra-embryonic coelom	KH	Y	Lecture
AN79.5	Explain embryological basis of congenital malformations, nucleus pulposus, sacrococcygeal teratomas, neural tube defects	KH	N	Lecture
AN79.6	Describe the diagnosis of pregnancy in first trimester and role of teratogens, alpha-fetoprotein	KH	N	Lecture
AN80.1	Describe formation, functions & fate of-chorion: amnion; yolk sac; allantois & decidua	KH	Y	Lecture
AN80.2	Describe formation & structure of umbilical cord	KH	Y	Lecture
AN80.3	Describe formation of placenta, its physiological functions, foetomaternal circulation & placental barrier	KH	Y	Lecture
AN80.4	Describe embryological basis of twinning in monozygotic & dizygotic twins	KH	Y	Lecture
AN80.5	Describe role of placental hormones in uterine growth & parturition	KH	Y	Lecture
AN80.6	Explain embryological basis of estimation of fetal age.	KH	N	Lecture
AN80.7	Describe various types of umbilical cord attachments	KH	N	Lecture
AN81.1	Describe various methods of prenatal diagnosis	KH	Y	Lecture
AN81.2	Describe indications, process and disadvantages of amniocentesis	KH	Y	Lecture

AN81.3	Describe indications, process and disadvantages of chorion villus biopsy	KH	Y	Lecture
AN 82.1	Demonstrate respect and follow the correct procedure when handling cadavers and other biologic tissue	SH	Y	Group Activity
	Column C: K- Knowledge, S – Skill, A - Attitude / professionalism, C- Communication. Colun			

Teaching-Learning Methods	Assessment Methods	Vertical Integration	Horizontal Integration
Lecture, DOAP session	Written/ Viva voce/skills assessment		
Lecture	Written/ Viva voce		
Lecture, DOAP session	Written/ Viva voce		
Lecture	Written		
Lecture	Written		
Lecture	Written/ Viva voce	Orthopedics	
Lecture	Written/ Viva voce	Orthopedics	
Lecture	Written/ Viva voce		
Lecture	Written/ Viva voce		Physiology
Lecture	Written/ Viva voce		
Lecture	Written		
Lecture, DOAP session	Written		
Lecture, DOAP session	Written/ Viva voce	Dermatology, Venereology & Leprosy	
Lecture, DOAP session	Written/ Viva voce		
Lecture, DOAP session	Written/ Viva voce	Dermatology, Venereology & Leprosy	
Lecture	Written	Dermatology, Venereology & Leprosy	
Lecture	Written/ Viva voce		Physiology
Lecture	Written/ Viva voce		Physiology
Lecture	Written/ Viva voce		
Lecture	Written/ Viva voce		
Lecture	Written/ Viva voce		
Lecture	Written/ Viva voce	General Medicine	Physiology
Lecture	Written		Physiology
Lecture	Written	Pathology	Physiology
Lecture	Written		

Lecture	Written		
Lecture	Written	General Surgery	
Lecture	Written		
Lecture	Written/ Viva voce		Physiology
Lecture	Written/ Viva voce		Physiology
Lecture	Written/ Viva voce		
Lecture	Written	General Medicine	Physiology
Lecture	Written/ Viva voce	General Medicine	
Lecture	Written		Physiology
Lecture	Written		
DOAP session	Viva voce/ Practicals/ OSPE		
Lecture, DOAP session	Viva voce		
Lecture, DOAP session	Viva voce		
Practical DOAP session, Small group teaching	Viva voce Practicals	Orthopedics	
Practical, F91 DOAP session, Small group teaching	Viva voce Practicals		
DOAP session	Viva voce	Orthopedics	
Lecture, Practical	Written		
Practical, Lecture	Written/ Viva voce	General Surgery	
Lecture	Written		
Practical, Lecture, Small group discussion, DOAP session	Written/ Viva voce/ skill assessment		
Practical, Lecture, Small group discussion, DOAP session	Written/ Viva voce/ skill assessment		

Practical, Lecture, Small group discussion, DOAP session	Written/ Viva voce/ skill assessment		
Practical, Lecture	Written/ Viva voce	General Surgery	
Practical, Lecture	Written/ Viva voce		
Lecture	Written	General Surgery	
Lecture	Written	General Surgery	
Practical, Lecture, Small group discussion, DOAP session	Written/ Viva voce/ skill assessment		
Lecture	Written		
Practical, Lecture, Small group discussion, DOAP session	Written/ Viva voce/ skill assessment		
Practical, Lecture, Small group discussion, DOAP session	Written/ Viva voce/ skill assessment		
Practical, Lecture, Small group discussion, DOAP session	Written/ Viva voce/ skill assessment	Orthopedics	
Lecture	Viva voce		
Practical, Lecture, Small group discussion, DOAP session	Written/ Viva voce/ skill assessment		
Practical, Lecture, Small group discussion, DOAP session	Written/ Viva voce/ skill assessment		
Practical, Lecture	Written/ Viva voce	General Surgery	
Practical, Lecture	Written/ Viva voce	Orthopedics	

Practical, Lecture, Small group discussion, DOAP session	Written/ Viva voce/ skill assessment		
Lecture	Written		
Practical, Lecture, Small group discussion, DOAP session	Written/ Viva voce/ skill assessment		
Practical, Lecture, Small group discussion, DOAP session	Written/ Viva voce/ skill assessment		
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Practical, Lecture, Small group discussion, DOAP session	Written/ Viva voce/ skill assessment		
Lecture	Written/ Viva voce	General Surgery	
Practical, Lecture, Small group discussion, DOAP session	Written/ Viva voce/ skill assessment		
Lecture	Written	General Surgery	
Practical, Lecture, Small group discussion, DOAP session	Written/ Viva voce/ skill assessment	General Surgery	

Practical, Lecture, Small group discussion, DOAP session	Written/ Viva voce/ skill assessment	General Surgery	
Lecture	Written/ Viva voce	General Surgery	
Practical, Lecture, Small group discussion, DOAP session	Written/ Viva voce/ skill assessment	General Surgery	
Practical, Lecture, Small group discussion, DOAP session	Written/ Viva voce/ skill assessment		
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Practical, Lecture, Small group discussion, DOAP session	Written/ Viva voce/ skill assessment		
Lecture	Written		
Practical, Small group discussion, DOAP session	Viva voce/ skill assessment	Radiodiagnosis	
Practical, Lecture, Small group discussion, DOAP session	Viva voce/ skill assessment		
Practical, Lecture, Small group discussion, DOAP session	Viva voce/ skill assessment		
Lecture	Written		
DOAP session	Viva voce		
Lecture, DOAP session	Viva voce		
Lecture	Viva voce/ Practicals	Forensic Medicine & Toxicology	
Practical, DOAP session, Small group teaching	Viva voce/ Practicals		

Practical, Lecture, Small group discussion, DOAP session	Written/ Viva voce/ skill assessment		
Practical, Lecture, Small group discussion, DOAP session	Written/ Viva voce/ skill assessment		
Practical, Lecture, Small group discussion, DOAP session	Written/ Viva voce/ skill assessment	General Surgery	
Lecture, DOAP session	Written/ Viva voce	General Surgery	
Practical, Lecture, Small group discussion, DOAP session	Written/ Viva voce/ skill assessment		
Practical, Lecture, Small group discussion, DOAP session	Written/ Viva voce/ skill assessment		
Lecture, DOAP session	Written/ Viva voce	General Surgery	
Lecture, DOAP session	Written/ Viva voce	General Surgery	
Practical, Lecture, Small group discussion, DOAP session	Written/ Viva voce/ skill assessment		
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Practical, Lecture, Small group discussion, DOAP session	Written/ Viva voce/ skill assessment		
Lecture	Written/ Viva voce	Orthopedics	
Lecture	Written/ Viva voce	Orthopedics	

Practical, Lecture, Small group discussion, DOAP session	Written/ Viva voce/ skill assessment		
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Lecture, DOAP session	Written/ Viva voce	General Surgery	
Practical, Lecture, Small group discussion, DOAP session	Written/ Viva voce/ skill assessment		
Small group teaching	Written/ Viva voce		
Lecture	Written/ Viva voce	Orthopedics	
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Practical, Lecture, Small group discussion, DOAP session	Written/ Viva voce/ skill assessment		
Practical, Lecture, Small group discussion, DOAP session	Written/ Viva voce/ skill assessment		
Lecture	Written/ Viva voce	General Surgery	
Lecture	Written/ Viva voce	Orthopedics	
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Practical, Lecture, Small group discussion, DOAP session	Written/ Viva voce/ skill assessment		
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Practical, Lecture, Small group discussion, DOAP session	Written/ Viva voce/ skill assessment		

Lecture	Written/ Viva voce	General Surgery	
Lecture	Written/ Viva voce	General Surgery	
Lecture, Small group discussion, DOAP session	Viva voce/ skill assessment	Radiodiagnosiss	
Practical, Lecture, Small group discussion, DOAP session	Viva voce/ skill assessment		
Practical, Lecture, Small group discussion, DOAP session	Viva voce/ skill assessment	General Medicine	
Practical, Lecture, Small group discussion, DOAP session	Viva voce/ skill assessment	General Medicine, General Surgery	
Lecture	Viva voce		
Lecture, DOAP session	Viva voce/ skill assessment		
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Practical, Lecture, Small group discussion, DOAP session	Written/ Viva voce/ skill assessment		
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Legend: K – Knows, KH - Knows How, SH - Shows