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Competency Table

Number	*COMPETENCY* *The student should be able to*	*Core (Y/N)*	*Chapter Number*	*Page Number*
AN 1.1	Demonstrate normal anatomical position, various planes, relation, comparison, laterality and movement in our body	Y	1	1
AN 1.2	Describe composition of bone and bone marrow	Y	1	4
AN 2.1	Describe parts, blood and nerve supply of a long bone	Y	1	4
AN 2.2	Enumerate laws of ossification	N	1	6
AN 2.3	Enumerate special features of a sesamoid bone	N	1	6
AN 2.4	Describe various types of cartilage with its structure and distribution in body	Y	1	6
AN 2.5	Describe various joints with subtypes and examples	Y	1	7
AN 2.6	Explain the concept of nerve supply of joints and Hilton's law	Y	1	12
AN 8.1	Identify the given bone, its side, important features and keep it in anatomical position	Y	3	18
AN 8.2	Identify and describe joints formed by the given bone	Y	3	18
AN 8.3	Enumerate peculiarities of clavicle	Y	3	18
AN 8.4	Demonstrate important muscle attachment on the given bone	Y	3	18
AN 8.5	Identify and name various bones in articulated hand, specify the parts of metacarpals and phalanges and enumerate the peculiarities of pisiform	Y	3	50, 53, 56
AN 8.6	Describe scaphoid fracture and explain the anatomical basis of avascular necrosis	N	3	51
AN 13.4	Describe sternoclavicular joint, acromioclavicular joint, carpometacarpal joints and metacarpophalangeal joint	N	3 5	22, 60, 65, 208
AN 14.1	Identify the given bone, its side, important features and keep it in anatomical position	Y	4	105
AN 14.2	Identify and describe joints formed by the given bone	Y	4	105
AN 14.3	Describe the importance of ossification of lower end of femur and upper end of tibia	Y	4	120
AN 14.4	Identify and name various bones in the articulated foot with individual muscle attachment	N	4	105
AN 20.1	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	Y	4	132
AN 20.2	Describe the subtalar and transverse tarsal joints	N	4	145, 147
AN 21.1	Identify and describe the salient features of sternum, typical rib, 1st rib and typical thoracic vertebra	Y	5 6	207, 213, 216, 234
AN 21.2	Identify and describe the features of 2nd, 11th and 12th ribs, 1st, 11th and 12th thoracic vertebrae	N	6	249
AN 21.8	Describe and demonstrate type, articular surfaces and movements of manubriosternal, costovertebral, costotransverse and xiphisternal joints	Y	5	211, 216

Number	*COMPETENCY* *The student should be able to*	*Core (Y/N)*	*Chapter Number*	*Page Number*
AN 21.10	Describe costochondral and interchondral joints	N	5	216
AN 21.11	Mention boundaries and contents of the superior, anterior, middle and posterior mediastinum	Y	5	208
AN 26.1	Demonstrate anatomical position of skull, identify and locate individual skull bones in skull	Y	7	268
AN 26.2	Describe the features of norma frontalis, verticalis, occipitalis, lateralis and basalis	Y	7	268
AN 26.3	Describe cranial cavity, its subdivisions, foramina and structures passing through them	Y	7	272
AN 26.4	Describe morphological features of mandible	Y	8	322
AN 26.5	Describe features of typical and atypical cervical vertebrae (atlas and axis)	Y	6	243
AN 26.6	Explain the concept of bones that ossify in membrane	N	6	248
AN 26.7	Describe the features of the 7th cervical vertebra	N	6	247
AN 30.1	Describe the cranial fossae and identify related structures	Y	7	300
AN 30.2	Describe and identify major foramina with structures passing through them	Y	7	305
AN 43.1	Describe and demonstrate the movements with muscles producing the movements of atlantooccipital joint and atlantoaxial joint	Y	6	246
AN 50.1	Describe the curvatures of the vertebral column	Y	6	241
AN 50.2	Describe and demonstrate the type, articular ends, ligaments and movements of intervertebral joints, sacroiliac joints and pubic symphysis	Y	6	241, 257
AN 51.1	Describe and identify the cross-section at the level of T8, T10 and L1 (transpyloric plane)	Y	6	242
AN 53.2	Demonstrate the anatomical position of bony pelvis and show boundaries of pelvic inlet, pelvic cavity, pelvic outlet	Y	6	260
AN 53.3	Define true pelvis and false pelvis and demonstrate sex determination in male and female bony pelvis	Y	6	262
AN 53.4	Explain and demonstrate clinical importance of bones of abdominopelvic region (sacralization of lumbar vertebra, lumbarization of 1st sacral vertebra, types of bony pelvis and coccyx)	N	6	252, 265