

Exam Topics/Subtopics
In Human Anatomy
for students of the Faculty of Pharmacy

- 1) Anatomical Position
- 2) Subject and goals of Anatomy
- 3) Sagittal plane – location, function
- 4) Frontal plane – location, function
- 5) Horizontal plane – location, function
- 6) Anatomical axes and their directions
- 7) General anatomical terminology
- 8) Axial skeleton and its parts
- 9) Appendicular skeleton and its parts
- 10) Vertebral column- regions and amounts of vertebrae in each region
- 11) Parts of the typical vertebra
- 12) Cervical vertebrae and their differences from the typical vertebra
- 13) Anatomy of the sacral bone
- 14) Lumbar vertebrae – individual characteristics
- 15) Thoracic skeleton and its parts
- 16) Sternum – parts, connections
- 17) General anatomy of the rib
- 18) Bones of the upper limb – general division
- 19) Anatomy of the humerus
- 20) Anatomy of the radius
- 21) Anatomy of the ulna
- 22) Hand skeleton
- 23) Bones of the lower limb – general division
- 24) Parts of the hip bone
- 25) Anatomy of the femur
- 26) Anatomy of the tibia

- 27) Anatomy of the fibula
- 28) Foot skeleton
- 29) General division of the skull – neurocranium , viscerocranium
- 30) Zygomatic bone – general anatomy
- 31) Frontal bone – general anatomical parts
- 32) General anatomy of the sphenoid bone
- 33) General anatomy of the occipital bone
- 34) General anatomy of the temporal bone
- 35) Ethmoid bone and its anatomical parts
- 36) Parietal bone – surfaces, margins, angles
- 37) Orbit – walls, connections
- 38) Nasal cavity – walls, meatuses, connections
- 39) General classification of connections
- 40) Uni, bi and multiaxial joints
- 41) Essential elements of the synovial joint
- 42) Additional elements of the synovial joint
- 43) Long vertebral ligaments
- 44) Short vertebral ligament
- 45) Connections of the thorax
- 46) Cranial sutures and ligaments
- 47) Anatomy of the temporomandibular joint
- 48) Connections of the clavicle – sternoclavicular and acromioclavicular joints
- 49) Shoulder joint – anatomical type, additional element, ligaments
- 50) Elbow joint – parts, ligaments
- 51) Radiocarpal joint – formation, anatomical type, ligaments
- 52) Anatomy of the sacroiliac joint
- 53) Hip joint – formation, anatomical type, additional elements, ligaments
- 54) Anatomy of the knee joint
- 55) Talocrural joint – formation, anatomical type, ligaments
- 56) Anatomical classification of muscles
- 57) Head muscles – neurocranial and facial muscles
- 58) Muscles of mastication
- 59) Muscles of the facial expression
- 60) Superficial neck muscles
- 61) Suprahyoid muscles

- 62) Infrahyoid muscles
- 63) Superficial back muscles
- 64) Anterior abdominal muscles
- 65) Lateral abdominal muscles
- 66) Posterior abdominal muscles
- 67) Classification of the thoracic muscles
- 68) Diaphragm- parts, foramina and their locations
- 69) General classification of the perineal muscles
- 70) General classification of the upper limb muscles
- 71) General division of the arm muscles – flexors, extensors
- 72) General division of the forearm muscles – anterior and posterior groups
- 73) General classification of the lower limb muscles
- 74) Pelvic muscles
- 75) Muscles of the thigh – anterior, medial and lateral groups
- 76) Muscles of the inferior leg – anterior, lateral and posterior groups
- 77) General structure of the GI tract's wall
- 78) Foregut derivatives
- 79) Midgut derivatives
- 80) Hindgut derivatives
- 81) Walls of the proper oral cavity
- 82) Hard palate – bony composition, mucosa
- 83) Muscles of the soft palate
- 84) Tongue – parts, surfaces, margins
- 85) Tooth – general anatomy, organ of the tooth
- 86) Anatomy of the pharynx – parts, openings, muscles
- 87) Esophagus – parts, constrictions, wall
- 88) Stomach – parts, ligaments, wall
- 89) Duodenum – parts, wall
- 90) Jejunum and ileum
- 91) Large intestine – parts, wall of the colon
- 92) Anatomy of the rectum
- 93) Salivary Glands
- 94) Liver – surfaces, lobes, ligaments
- 95) Anatomy of the gallbladder and biliary tree
- 96) Pancreas – parts, ducts

- 97) General anatomy of the peritoneum, visceral and parietal layers of peritoneum, peritoneal cavity
- 98) Cartilages of the external nose
- 99) Walls of the nasal cavity
- 100) Superior nasal meatus and its openings
- 101) Middle nasal meatus and its openings
- 102) Inferior nasal meatus and its openings
- 103) Paired laryngeal cartilages
- 104) Single laryngeal cartilages
- 105) Laryngeal dilator muscles
- 106) Laryngeal constrictor muscles
- 107) Vocal muscles
- 108) Trachea – parts, wall, bifurcation site
- 109) Differences between right and left main bronchi
- 110) Lungs – surfaces, margins, pulmonary hilum, lobes and segments
- 111) Pleura – layers, pleural cavity
- 112) External anatomy of the kidney – surfaces, poles, margins
- 113) Renal parenchyma – cortex, medulla
- 114) Calices and renal pelvis
- 115) Renal blood flow – renal artery and its branches
- 116) Nephron and its parts
- 117) Ureter – parts, constrictions
- 118) Urinary bladder – parts, wall
- 119) External anatomy of the testis – surfaces, poles, margins
- 120) Tubular system of the testis
- 121) Vas deferens and its connection to the excretory duct
- 122) Scrotum and its 7 layers
- 123) Prostate gland – location, parts, parenchyma
- 124) Male urethra - parts, dilations, sphincters
- 125) Cavernous and spongiuous bodies of the penis
- 126) Internal female genitalia – uterus, fallopian tube, ovary
- 127) External female genitalia – labia majora, labia minora, mammary gland and clitoris
- 128) General characteristics of the endocrine system
- 129) Central and peripheral endocrine organs

- 130) Pituitary gland – parts, location
- 131) Epiphysis – location, function
- 132) Thyroid and parathyroid glands
- 133) Adrenal medulla and cortex
- 134) Anatomy of the eyeball
- 135) General division of the ear – external, middle and internal parts
- 136) Heart – location, external anatomy
- 137) Right atrial walls
- 138) Walls of the right ventricle
- 139) Walls of the left atrium
- 140) Walls of the left ventricle
- 141) Valves of the heart
- 142) Wall of the heart – endocardium, myocardium, pericardium
- 143) Heart conducting system
- 144) Coronary arteries and branches
- 145) Aortic arch – origin and termination levels, branches of the aortic arch
- 146) Common carotid artery – origin, bifurcation site
- 147) General branches of the external carotid artery
- 148) Parts and branches of the subclavian artery
- 149) Axillary artery and its branches
- 150) Brachial artery and its branches
- 151) Radial artery and its branches
- 152) Ulnar artery and its branches
- 153) Deep palmar arch – formation, branches
- 154) Superficial palmar arch – formation, branches
- 155) Visceral and parietal branches of the thoracic aorta
- 156) Paired visceral branches of the abdominal aorta
- 157) Celiac trunk – origin level, branches
- 158) Superior mesenteric artery – origin level, branches
- 159) Inferior mesenteric artery – origin level, branches
- 160) External iliac artery and its branches
- 161) Parietal and visceral branches of the internal iliac artery
- 162) Femoral artery and its branches
- 163) Popliteal artery and its branches
- 164) Anterior tibial artery and its branches

- 165) Posterior tibial artery and its branches
- 166) Deep and superficial veins of the lower limb
- 167) Pelvic veins
- 168) Inferior vena cava – formation, parietal and visceral tributaries
- 169) Portal vein and its tributaries
- 170) Portocaval anastomoses
- 171) Cavacaval anastomoses
- 172) Deep and superficial veins of the upper limb
- 173) Superior vena cava – formation, tributaries
- 174) Azygos vein – formation, tributaries
- 175) Internal jugular vein – formation, tributaries
- 176) Facial vein – formation, tributaries
- 177) Retromandibular vein – formation, tributaries
- 178) Prenatal and postnatal circulation
- 179) Lymphatic trunks and ducts
- 180) Anatomy of the spinal cord
- 181) General branches of the spinal nerve
- 182) Borders between the spinal cord and brain
- 183) Anatomy of the medulla oblongata
- 184) Brainstem and its parts
- 185) Anatomy of the pons
- 186) Cerebellum – parts, pedicles, nuclei
- 187) Anatomy of the midbrain
- 188) Diencephalon – parts, functions
- 189) Ventricles of the brain and their connections
- 190) Cerebral hemispheres – surfaces, lobes, grooves, poles
- 191) Meninges, dural venous sinuses
- 192) Connections between the right and left hemispheres
- 193) Cervical plexus – formation, general branches
- 194) Brachial, lumbar and sacral plexuses, their short and long branches. Intercostal nerves
- 195) Names of cranial nerves, their main branches
- 196) Autonomic nervous system – parts, functions
- 197) Afferent and efferent tracts

