SUBJECTIVE EXAM QUESTIONS FOR SECOND YEAR STUDENTS OF MEDICAL FACULTY

THEORETICAL QUESTIONS. ANATOMY OF THE LOCOMOTOR SYSTEM.

1. Subject of anatomy, its place between of biological disciplines. The significance of anatomy in medicine.
2. Methods of anatomical investigations.
3. Contributions of Avicenna in the development of medicine.
4. Stages of human ontogenesis.
5. Constitutional types.
6. Regions of the abdomen.
7. Common structure of theskeleton.
8. Meaning about skeletopy, syntopy and golotopii
9. Bone: classification, structure and function.
10. The structure of tubular and flat bones. Periosteum.
11. The chemical composition of bones.
12. Vertebrae: their structure in every parts of the vertebral column.
13. The ribs, sternum, clavicle and scapula.
14. The bones of the upper limb.
15. The femur.
16. The bones of the lower extremity.
17. The bones of the skull roof (frontal, parietal and occipital).
18. The sphenoid and ethmoid bones.
19. Upper and lower jaw. The small bones of the facial skull.
20. The temporal bone, its parts and channels.
21. Orbit, walls and connections.
22. The nasal cavity walls and parts.
23. Temporal fossa, infratemporal fossa and pterygopalatine fossa.
24. Internal base of the skull.
25. External base of the skull.
26. The classification of the joints.
27. Interrupted connections.
28. Structure and classification of joints.
29. Jointing of vertebrae. The vertebral column: bends.
30. Jointing of vertebraewith the skull.
31. Jointing of skull bones.
32. Jointing of the ribs with the vertebrae and sternum.
33. Thoracic cage as a whole.
34. Joints of the shoulder girdle. Shoulder joint.
35. The elbow joint. The jointing of the forearm bones.
36. Jointing of hand bones.
37. Jointing of the pelvis.
38. Pelvis as a whole.
39. The hip and knee joints.
40. Jointing of the leg bones. Talocrural joint.
41. Joints of the foot.
42. Structure and shapes of the muscles. Their accessory apparatus.
43. Muscles and fascia of the chest.
44. Muscles and fasciaof theback.
45. The muscles and fascia of the abdomen.
46. Vagina rectus abdomens. The white line (linea alba) of the abdomen. Inguinal canal.
47. Diafragma: structure, parts and function.
48. Musclesof the neck. Their functions.

49.Fascia and topography of the neck.
50.Facial expression muscles. Their function.
51.Mastication muscles. Their function.
52.The muscles and fascia of the shouldergirdle andshoulder.
53.The muscles and fascia of the forearm and hand.
54.The topography of axillary fossa and upper limb.
55.The muscles and fascia of the pelvic girdle.
56.The muscles and fascia of the thigh.
57.The muscles and fascia of the leg and foot.
58.The topography of the pelvic girdle and lower limbs.

ANATOMY OF INTERNAL ORGANS.

1. Structure walls of the alimentary canal.
2. Anatomy of the oral cavity. Malformations.
3.Anatomy of the tongue and salivary glands.
4.Anatomy ofthe teeth.
5.Anatomy of the pharynx.
6.Anatomy of the esophagus.
7.Anatomy of the stomach.
8.Small intestine: parts, structure of the walls.
9.Large intestine: parts, structure of the walls.
10.Anatomy of the liver.
11.Bile duct (diagram). The functions of bile.
12.Gall bladder, excretory ducts of the gallbladder and liver.
13.Anatomy of the pancreas.
14.The anatomy of the peritoneum.
15.Anatomy of the nasal cavity.
16.Anatomy of the larynx.
17.The anatomy of the trachea and bronchi.
18.Anatomy of the lungs.
19.The anatomy of the pleura.
20.Mediastinum: borders, parts and organs of the mediastinum.
21.Anatomy of the kidney.
22.The anatomy of the ureter andurinary bladder.
23.Testis, epididymis: their structure and function.
24.The spermatic cord, its components.
25.Male urethra and penis.
26.Anatomy of the vas deferens and seminal vesicles.
27.Prostate and bulb urethral gland.
28.Coverings of the testis (scrotum).
29.Anatomy of the ovaries and fallopian tubes.
30.The anatomy of the uterus.
31.Vagina and external genital organs.
32.Anatomy of the perineum.
33.Organs immune system.
34.Mudulla ostium rubra, thymus, their structure, function.
35.Periferic organs of the immune system: their structure, function.
36.Spleen. Structure, function.
37.Classification endocrine glands.
38.Thiroid gland: structure, function and hormones.
39.Parathiroid gland and thymus: their structure, function and hormones.
40.Endocrine part of the gonads (testes, ovaries): location, hormones and functions.
41.Suprarenal glands: structure, function and hormones.
42.Pituitary body (hypophisis) and pineal gland (epiphysis): structure,fu

Anatomy of the circulatory system.

1. General characteristics of the vascular system.
2. Anatomy arteries and veins. Microvasculature.
3. Anatomy of the heart.
4. Coronary vessels of the heart.
5. Anatomy pericardium.
6. Blood circulation.
7. Aorta and its parts. The branches of the aortic arch.
8. External carotid artery.
9. Internal carotid artery.
10. Subclavian artery.
11. Axillary artery.
12. Brachial artery. Formation ulnar arterial rete.
13. Arteries of the forearm.
14. Arteries of the hand. Palmer arterial arch.
15. The branches of the thoracic aorta. The areas of blood supplying.
16. Unpaired visceral branches of the abdominal aorta. The areas of blood supply.
17. Pair visceral branches of the abdominal aorta. The areas of blood supply.
18. Parietal branches of the abdominal aorta. The areas of blood supply.
19. Internal and externalbranches of the iliac arteries. The areas of blood supply.
20. Femoral artery: branches and the areas blood supply.
21. Popliteal artery. Formation arterial rete of the knee joint.
22. Arteries of the leg and foot.
23. Viens of the head and neck.
24. Viens of the upper limb.
25. Viens of the chest and their tributaries (inflow's).
26. Fofmation of portal vein: tributaries and features.
27. Vena cava inferior.
28. Porto-caval anastomoses.
29. Cava-caval anastomoses.
30. Viens of the pelvic.
31. Veins of the lower limb.
32. Features of the fetal blood circulation.
33. Anatomy lymphatic system.
34. Mechanism passage of lymph. WaysInfluxing of lymph to the venous river.
35. Lymphatic vessels and nodes. Structure.
36. Lymphatic vessels and nodes of the chest, abdomen and pelvis.
37. Lymphatic vessels and nodes of the upper and lower extremities.
38. Lymphatic vessels and nodes of the head and neck.
39. Right thoracic lymphatic duct: Formation and confluence to the bloodstream.

ANATOMY OF THE NERVOUS SYSTEM AND SENSATIVE ORGANS.

1. Nervous system, its significance in the organism. Classification of the nervous system
2. Types of receptors. The simple reflex arc.
3. The anatomy of the spinal cord.
4. Covering of the spinal cord.
5. Crebral vesicles and their derivatives.
6. General characteristics of the brain.
7. Exist 12 pairs of cranial nerves from the base of the brain.
8. Medulla oblongata and the Pons: structure.
9. The cerebellum: structure, function of the nucleus.
10. Rhomboid fossa.
11. The midbrain, its parts, the internal structure.

12. Diencephalon: parts, structure.
13. Endbrain: sulcuses and gyruses.
14. Nucleus basalis and it's functions.
15. Olphactory cerebry.
16. Lateral ventricles.
17. Extrapyramidal system.
18. Structure of cortexhemispheri.
19. Analyzers. Pavlov's science about localization of functions in the cerebral cortex.
20. Meningea of the brain.
21. Circulation of cerebrospinal fluid.
22. The associative and commissural fibers.
23. Sensative pathways.
24. Motor pyramidal pathways.
25. Motor extrapyramidal pathways.
26. Olphactory nerve. Pathways of olfactory analyzer.
27. Optic nerve. Pathwaysof the visual analyzer.
28. III-, IV- and VI- pairs of cranial nerves.
29. Trigeminal nerve.
30. The facial nerve.
31. Vestibulocochlear nerve.
32. Glossopharyngial nerve.
33. Vagus nerve.
34. Accessory nerve.
35. Hipoglossal nerve.
36. Cerebrospinal nerves: formation, exist, branches.
37. The cervical plexus.
38. Brachial plexus, it's formation, short branches.
39. Brachial plexus, it's formation, long branches.
40. Front branches of thoracic cerebrospinal nerves.
41. lumbar plexus: formation, branches.
42. The sacral plexus: formation, short branches.
43. The sacral plexus: formation, long branches.
44. Anatomy of vegetative nervous system (VNS). The reflex arcof VNS.
45. Parasympathetic partof vegetative nervous system.
46. Sympathetic partof vegetative nervous system.
47. Sacral part of the parasympathetic part of the vegetative nervous system: formation, branches and areas of the innervations.
48. Vegetative innervations of organs of the head and neck.
49. Vegetative innervations of organs of the chest.
50. Vegetative innervations of organs of the pelvic.
51. Sympathetic truncus.
52. Vegetative innervations of the organs of the abdominal cavity.
53. Parasympathetic partof the facial and glossopharyngeal nerves.
54. Organs of the vision: structure, functions.
55. Accessory apparatus of the eyeball.
56. Anatomy of the external and middle ear.
57. Anatomy inner ear.
58. Organs of the smell and taste, their structure, functions.
59. Scin, its structure and functions. Derivatives of the skin.