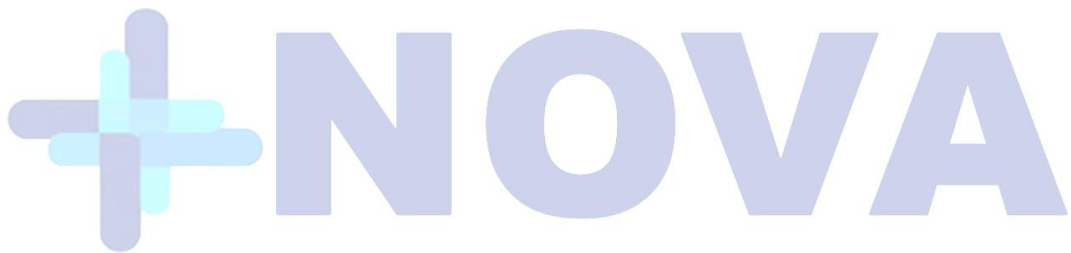


**NOVA INSTITUTE OF MEDICAL
SCIENCES & RESEARCH CENTRE**



DEPARTMENT OF ANATOMY

QUESTION BANK

ANATOMY IMPORTANT QUESTIONS FOR KNRUHS

General Anatomy

1. Sesamoid bone **
2. Parts of a long bone *
3. Classification of bones
4. Enumerate various types of Epiphyses **
5. Blood supply of long bone **
6. Ossification of bone **
7. Types of cartilages **
8. Classification of Joints
9. Fibrous joints **
10. Synovial joints **
11. Types of Muscles *
12. Types of circulation of blood *
13. End arteries **
14. Components of lymphatic system
15. Modifications of Deep fascia *

Questions – Head & Neck

1. Parotid gland
 - Situation
 - Relations
 - Structures within gland
 - Blood supply
 - Nerve supply
 - Applied anatomy
2. Thyroid gland
 - Situation
 - Lobes and relations
 - Blood supply
 - Nerve supply
 - Applied anatomy
3. Facial nerve
 - Origin
 - Course
 - Branches
 - Applied anatomy
4. Carotid triangle
 - Boundaries
 - Contents
 - Applied anatomy
5. Submandibular gland
 - Relations
 - Blood supply
 - Nerve supply
 - Applied anatomy

ANATOMY IMPORTANT QUESTIONS FOR KNRUHS

6. Cavernous sinus
 - Situation
 - Tributaries
 - Relations
 - Contents
 - Applied anatomy
7. Scalp
 - Layers
 - Blood supply
 - Nerve supply
 - Applied anatomy
8. Pharynx
 - Parts
 - Muscles
 - Blood supply
 - Nerve supply
9. Larynx
 - Cartilages
 - Muscles
 - Nerve supply
 - Applied anatomy
10. Orbit
 - Walls
 - Contents
 - Applied anatomy
11. Dangerous area of face
12. Facial artery
13. Facial vein
14. Scalp
15. Muscles of facial expression
16. Parotid gland
17. Submandibular gland
18. Sublingual gland
19. Posterior triangle
20. Anterior triangle
21. Carotid sheath
22. Thyroid gland
23. Thyroglossal cyst
24. Cervical plexus
25. Trigeminal nerve
26. Facial nerve
27. Glossopharyngeal nerve

ANATOMY IMPORTANT QUESTIONS FOR KNRUHS

28. Vagus nerve
29. Hypoglossal nerve
30. Accessory nerve
31. Nasal septum
32. Lateral wall of nose
33. Maxillary sinus
34. Paranasal air sinuses
35. Extraocular muscles
36. Lacrimal apparatus
37. Optic nerve
38. Cavernous sinus
39. Pituitary gland
40. Dural venous sinuses
41. Middle cranial fossa
42. Pharynx
43. Tonsil
44. Soft palate
45. Larynx
46. Vocal cords
47. Bell's palsy
48. Trigeminal neuralgia
49. Facial paralysis
50. Deviated nasal septum
51. Epistaxis
52. Thyroidectomy complications
53. Layers of scalp.
54. Contents of carotid sheath.
55. Boundaries of carotid triangle.
56. Branches of facial nerve.
57. Branches of external carotid artery.
58. Structures passing through superior orbital fissure.
59. Structures within parotid gland.
60. Blood supply of thyroid gland.
61. Nerve supply of tongue.
62. Muscles of soft palate.
63. Boundaries of posterior triangle.
64. Contents of cavernous sinus.
65. Parts of pharynx.
66. Cartilages of larynx.
67. Muscles supplied by hypoglossal nerve.
68. Openings in skull base.
69. Paranasal sinuses.
70. Extraocular muscles.
71. Cranial nerves passing through cavernous sinus.
72. Structures supplied by facial nerve.

ANATOMY IMPORTANT QUESTIONS FOR KNRUHS

Questions – Neuro Anatomy

1. Spinal Cord
 1. Extent
 2. External features
 3. Internal structure
 4. Blood supply
 5. Applied anatomy
2. Cerebellum
 1. External features
 2. Lobes
 3. Nuclei
 4. Connections
 5. Functions
 6. Applied anatomy
3. Internal Capsule
 1. Parts
 2. Relations
 3. Blood supply
 4. Applied anatomy
4. Lateral Ventricle
 1. Parts
 2. Boundaries
 3. Communications
5. Circle of Willis
 1. Formation
 2. Branches
 3. Applied anatomy
6. Meninges of Brain
 1. Layers
 2. Dural folds
 3. Venous sinuses
7. Medulla Oblongata
 1. External and internal features
 2. Cranial nerve nuclei
8. Midbrain
 1. External and internal features
9. Pons
 1. External and internal features
10. Cerebral Cortex
 1. Functional areas
 2. Blood supply
 3. Applied anatomy
11. Spinal cord
12. Gray matter
13. White matter
14. Ascending tracts

ANATOMY IMPORTANT QUESTIONS FOR KNRUHS

15. Descending tracts
16. Conus medullaris
17. Cauda equina
18. Medulla oblongata
19. Pons
20. Midbrain
21. Reticular formation
22. Cerebellum
23. Cerebellar peduncles
24. Deep cerebellar nuclei
25. Internal capsule
26. Corpus callosum
27. Basal ganglia
28. Functional areas of cerebral cortex
29. Broca's area
30. Wernicke's area
31. Lateral ventricle
32. Third ventricle
33. Fourth ventricle
34. Cerebrospinal fluid (CSF)
35. Dura mater
36. Arachnoid mater
37. Pia mater
38. Circle of Willis
39. Cavernous sinus
40. Middle meningeal artery
41. Oculomotor nerve
42. Trigeminal nerve
43. Facial nerve
44. Vestibulocochlear nerve
45. Glossopharyngeal nerve
46. Vagus nerve
47. Hypoglossal nerve
48. Hydrocephalus
49. Cerebrovascular accident (stroke)
50. Facial nerve palsy
51. Trigeminal neuralgia
52. Epidural hematoma
53. Subdural hematoma
54. Boundaries of fourth ventricle.
55. Components of limbic system.
56. Branches of Circle of Willis.
57. Cranial nerves attached to medulla.
58. Cranial nerves attached to pons.
59. Cranial nerves attached to midbrain.
60. Parts of internal capsule.
61. Functional areas of cerebral cortex.
62. Deep cerebellar nuclei.

ANATOMY IMPORTANT QUESTIONS FOR KNRUHS

63. Meningeal layers.
64. Openings of fourth ventricle.
65. Components of basal ganglia.
66. CSF circulation.
67. Ascending tracts of spinal cord.
68. Descending tracts of spinal cord.
69. Blood supply of spinal cord.
70. Contents of cavernous sinus.
71. Dural venous sinuses.
72. Nuclei of cerebellum.
73. Features of lateral ventricle.

Questions – Thorax

1. Describe the sinuses of the pericardium **
2. Compare the relations of right and left hila of the lungs **
3. Describe the relations and branches of arch of aorta **
4. Write about the extent and branches of femoral artery
5. Hip Joint **
6. Describe the external features, relations of thoracic part of Oesophagus *
7. Describe boundaries and contents of Superior Mediastinum **
8. Enumerate tributaries of coronary sinus **
9. Describe the anatomical basis and applied aspects of Tendo Achilles **

Questions – Abdomen

1. Describe the stomach – external features, relations, blood supply, lymphatic drainage, nerve supply, applied anatomy.
2. Describe the liver – surfaces, lobes, peritoneal relations, blood supply, applied anatomy.
3. Describe the portal vein and portosystemic anastomosis.
4. Describe the spleen – features, relations, blood supply, applied anatomy.
5. Describe the pancreas – parts, relations, blood supply, applied anatomy.
6. Describe the kidney – external features, relations, blood supply, supports, applied anatomy.
7. Describe the inguinal canal – boundaries, contents, applied anatomy.
8. Describe the duodenum – parts, relations, blood supply, applied anatomy.
9. Describe the abdominal aorta – course and branches.
10. Describe the extrahepatic biliary apparatus.
11. Vermiform appendix
12. Meckel's diverticulum
13. Jejunum and ileum – differences
14. Cecum
15. Ascending colon
16. Transverse colon

ANATOMY IMPORTANT QUESTIONS FOR KNRUHS

17. Descending colon
18. Sigmoid colon
19. Rectus sheath
20. Greater omentum
21. Lesser omentum
22. Gall bladder
23. Porta hepatis
24. Portal vein
25. Portocaval anastomosis
26. Bare area of liver
27. Pancreas
28. Spleen
29. Splenic artery
30. Kidney
31. Ureter
32. Suprarenal gland
33. Peritoneum
34. Epiploic foramen (Foramen of Winslow)

Questions – Lower Extremity

1. Patellar plexus
2. Great saphenous vein **
3. Small saphenous vein
4. Fascia lata **
5. Saphenous opening **
6. Femoral triangle **
7. Femoral Sheath and canal **
8. Femoral Artery **
9. Femoral Nerve
10. Muscles of the front of the thigh *
11. Adductor canal **
12. Adductor Muscles *
13. Gluteal Muscles **
14. Structures under cover of Gluteal muscles **
15. Structures pass via sciatic foramens **
16. Popliteal fossa **
17. Common peroneal nerve *
18. Anastomoses around the knee joint *
19. Muscles of Back of thigh *
20. Sciatic Nerve **

ANATOMY IMPORTANT QUESTIONS FOR KNRUHS

21. Extensor Retinaculum *
22. Anterior Compartment of Leg - Muscles
23. Deep Peroneal Nerve
24. Dorsalis Pedis Artery **
25. Peroneal Retinacula
26. Posterior compartment of leg – Muscles **
27. Tendo Achilles **
28. Posterior Tibial artery
29. Plantar aponeurosis **
30. Muscles of Sole of Foot **
31. Plantar arches
32. Arches of Foot **
33. Lymphatic drainage of lower limb
34. Hip Joint **
35. Knee Joint **
36. Ankle joint *
37. Obturator nerve

Questions – Upper Limb

1. Mammary Gland (Breast) **
2. Clavipectoral Fascia *
3. Boundaries and contents of Axilla **
4. Cervicoaxillary canal
5. Axillary artery – Relations and Branches **
6. Axillary Lymph nodes *
7. Brachial Plexus **
8. Erb's paralysis **
9. Klumpke's paralysis **
10. Triangle of Auscultation
11. Lumbar Triangle of Petit
12. Rotator Cuff *
13. Quadrangular space *
14. Axillary nerve *
15. Anastomoses around scapula
16. Musculocutaneous Nerve
17. Median Nerve **
18. Ulnar Nerve **
19. Radial Nerve *
20. Brachial Artery **
21. Anastomoses around elbow joint **
22. Cubital fossa **

ANATOMY IMPORTANT QUESTIONS FOR KNRUHS

23. Flexor Retinaculum **
24. Palmar aponeurosis *
25. Intrinsic muscles of hand *
26. Thenar muscles **
27. Lumbricals **
28. Superficial palmar arch **
29. Deep palmar arch
30. Fascial spaces of Hand **
31. Anatomical Snuffbox **
32. Extensor retinaculum of hand
33. Ulnar and Radial bursa
34. Dorsal digital expansion
35. Cutaneous innervation of hand *
36. Posterior interosseous nerve
37. Define pronation and supination. Add a note on joints involved and muscles producing movements. **
38. Shoulder joint **
39. Elbow joint **
40. 1st carpometacarpal joint **
41. Anatomical basis of claw hand **
42. Anatomical basis of wrist drop **
43. Carpal tunnel syndrome **
44. Wrist Joint
45. Tennis elbow **
46. Mention the arterial pulses which can be felt in the upper extremity. Mention the origin, course, relations and branches of the radial artery. *
47. Name the muscles attached to the greater tubercle of humerus. Mention their nerve supplies. *
48. Discuss the different movements of elbow joint with concerned muscles *
49. Radial groove *
50. Winging of scapula *
51. Lesser sac
52. Mesentery
53. Celiac trunk
54. Superior mesenteric artery
55. Inferior mesenteric artery
56. Inferior vena cava
57. Inguinal ligament
58. Deep inguinal ring
59. Superficial inguinal ring

ANATOMY IMPORTANT QUESTIONS FOR KNRUHS

60. Inguinal canal
61. Inguinal hernia
62. Hydrocele
63. Appendicitis
64. Caput medusae
65. Portal hypertension
66. Boundaries of epiploic foramen.
67. Contents of hepatoduodenal ligament.
68. Branches of celiac trunk.
69. Parts of duodenum.
70. Supports of kidney.
71. Coverings of kidney.
72. Blood supply of stomach.
73. Blood supply of spleen.
74. Tributaries of portal vein.
75. Sites of portocaval anastomosis.
76. Differences between jejunum and ileum.
77. Layers of anterior abdominal wall.
78. Contents of inguinal canal.
79. Boundaries of Hesselbach's triangle.
80. Features of vermiform appendix.
81. Structures forming portal triad.
82. Coverings of spermatic cord.
83. Relations of gall bladder.
84. Branches of abdominal aorta.
85. Contents of rectus sheath.